

AFSC 2A5X3A  
COMMUNICATION/NAVIGATION/MISSION SYSTEMS  
CAREER FIELD EDUCATION AND TRAINING PLAN

This correction to change 1 is the equivalent of publication of a new CFETP. Compliance with training policies and documentation is required. This change is effective immediately, replaces Change 1 CFETP 2A5X3A, March 2004, and changes CFETP 2A5X3A, October 2002, as follows:

NOTE: Page numbers are taken from the CFETP 2A5X3A, October 2002 produced by PDO. CFETPs downloaded from Internet web sites may have different page numbers due to printer formatting.

1. Post write-in changes to Master Task Lists (MTL) and individual training records:

<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>
Title			Remove and replace page
i			Remove and replace page
19	A2.2.2.3.	4A(1)	Change "A" to "a"
24	A2.6.7.5.8.	2	Write In "*/R"
28	A2.9.5.	4A(1)	Change "A" to "a"
29	A2.10.7.	4A(1)	Change "A" to "a"
30	A2.11.6.	4A(1)	Delete "-"
32	A2.13.5.8.	1	Change "buss" to "bus"
32	A2.13.5.8.	4A(1)	Change "2b" to "-"
33	A2.14.2.3.	4A(1)	Change "2b" to "-"
33	A2.14.2.4.	4A(1)	Change "2b" to "-"
36	A2.15.2.4.	4A(1)	Change "2b" to "-"
44	A1.17.11.	1	Change "A1.17.11." to "A2.17.11."
44	A1.17.11.1.	1	Change "A1.17.1.1." to "A2.17.11.1."
44	A1.17.11.2.	1	Change "A1.17.1.2." to "A2.17.11.2."
44	A1.17.11.3.	1	Change "A1.17.1.3." to "A2.17.11.3."
44	A1.17.11.4.	1	Change "A1.17.1.4." to "A2.17.11.4."
44	A1.17.11.5.	1	Change "A1.17.1.5." to "A2.17.11.5."
44	A1.17.11.6	1	Change "A1.17.1.6." to "A2.17.11.6."

<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>
52	A3.3.5.4.	4A(1), 4B(1), 4C(1), 4C(2)	Delete "-"
91	A5.3.6.3.	1	Change "1B-52H-2-24kGA-1" to 1B-52H-2-24GA-1"
93 to 94	A5.4.3. thru A.5.4.3.4.3.	1	Change "A5.4.3..." to A5.4.2...."
94	A5.4.4. thru A5.4.4.4.4.	1	Change "A5.4.4...." to A5.4.3...."
95	A5.4.5. thru A5.4.5.4.2.	1	Change "A5.4.5...." to "A5.4.4...."
95	A5.4.6. thru A5.4.6.4.2.	1	Change "A5.4.6...." to "A5.4.5...."
95 to 96	A5.4.7. thru A5.4.7.4.6.	1	Change "A5.4.7...." to "A5.4.6...."
96	A5.4.8. thru A5.4.8.4.3.	1	Change "A5.4.8...." to "A5.4.7...."
97	A5.4.9. thru A5.4.9.4.6.	1	Change "A5.4.9...." to A5.4.8...."
97 to 98	A5.4.10. thru A5.4.10.4.2.	1	Change "A5.4.10...." to A5.4.9...."
132	A6.6.1.2.	1	Change "Operational system" to "Perform operational check"
143	Header		Change "C-9" to "C-17"
143	Footer		Change "Attachment 7" to "Attachment 8"
154	Header		Change "C-17" to "C-130"
154	Footer		Change "Attachment 8" to "Attachment 9"
159	A9.3.8.2.1.	2A	Write in "*/R"
159	A9.3.8.2.2	2A	Write in "*/R"
159	A9.3.8.3.	2A	Write in "*/R"
159	A9.3.9.2.	2A	Write in "*/R"
159	A9.3.9.3.	2A	Write in "*/R"
163	A9.4.3.	1	Delete "/TACAN II)"
169		1	Create heading "A9.5. RADAR" between items A9.4.15.4. and A9.4.16.

<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>
171	A9.4.19.2.	2A	Write in "*/R"
171	A9.4.19.4.	2A	Write in "*/R"
169-	A9.4.16. thru	1	Change "A9.4.16" to "A9.5.1"; "A9.4.17" to "A9.5.2.;"
172	A9.4.21.5.		"A9.4.18." to "A9.5.3.;" "A9.4.19." to "A9.5.4.;" "A9.4.20." to "A9.5.5.;" "A9.4.21." to "A9.5.6."
172-	A9.5. -	1	Change "A9.5." to "A9.6."
180	A9.5.4.6.2		
181	Header		Change "C-130" to "C-130J"
181	Footer		Change "Attachment 9" to "Attachment 10"
193			Delete extra header at bottom of page
194	Notes		Change "Attachment 11 – C-130E~" to Attachment 11 – EC-130~"
200	A11.7.	1	Change "DATA LINK SYSTEMS" to "MISCELLANEOUS CAPSULE EQUIPMENT"
201	A11.7.4.2.	1	Delete entire row
201	A11.7.4.3.	1	Delete entire row
201	A11.7.4.4.	1	Delete entire row
204	A12.1.1.1.	2A	Add "*"
274	Header		Change "E-4B" to "E-8C"
274	Footer		Change Attachment 16" to "Attachment 17"
277	A17.3.7.1.	2A	Delete "3."
285	Header		Change "E-8C" to "HH-60(M)G"
285	Footer		Change "Attachment 17" to "Attachment 18"

2. Remove pages in the Master Task Lists (MTL) and replace with those indicated:

Remove Pages 303 thru 454                          Replace Pages with Change 1 303 thru 472

3. Remove and replace the following pages in all the individual training records with those indicated:

Remove Pages 432 thru 454                          Replace Pages with Change 1 453 thru 472

4. SOF Specific: Remove and replace the following pages in all the individual training records with those indicated:

Remove Pages 303 thru 454                          Replace Pages with Change 1 303 thru 472

After complying with the above actions, file this change in the back of the MTL CFETP. Note: Since the entire CFETP is NOT required in individual records, file this change in individual records as specified above. If the entire CFETP is used in individual records, it is mandatory to file this change in individual records.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

DONALD J. WETEKAM, Lieutenant General, USAF  
DCS/Installations and Logistics

Attachments:

1. Title and i Pages
2. SOF Training Requirements - Attachment 19
3. Electronic Principles Training Requirements - Attachment 20
4. Section B

DEPARTMENT OF THE AIR FORCE  
Headquarters US Air Force  
Washington, DC 20030-1030

CFETP 2A5X3A  
Parts I and II  
October 2002

## AFSC 2A5X3A

# COMMUNICATION/NAVIGATION /MISSION SYSTEMS



## CAREER FIELD EDUCATION AND TRAINING PLAN

**CAREER FIELD EDUCATION AND TRAINING PLAN  
COMM/NAV/MISSION SYSTEMS  
AFSC 2A5X3A**

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Supersedes: CFETP 2A5X3A, Feb 00  
 CFETP 2A1X3, Feb 94; Change 1, 2, 3, 4; Feb 94, May 97; Jun 98, Dec 99  
 AFJQS 2A1X3 (T), Mar 96; Change 1 (T), Dec 99  
 CFETP 2A4X2, Feb 94; Change 1, 2, 3; Feb 94, Jun 98, Jun 99; AFJQS 2A4X2 (T), Mar 96; Change 1 (T), Dec 99  
 CFETP Change Notice 1, Mar 2004

Certified by: HQ USAF/ILMM CMSgt J. Mayle)  
 Number of Printed Pages: 474  
 OPR: 365 TRS/TRR (Christina Peterson)

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC

### ATTACHMENT 19 - SOF Training Requirements

NOTE 1: The apprentice course will use representative aircraft/trainers to accomplish the system specific training requirements as identified by the STS. The common section of the CFETP is used to code core competencies of the career field that will be taught in the apprentice course. The MDS specific attachments are to be used in conjunction with the common section to identify work center requirements and annotate qualifications.

NOTE 2: All course requirements are trained in the 3-level resident course during wartime. The 7-level in-residence course is not taught during wartime.

NOTE 3: Users are responsible for annotating training references to identify current references pending STS revision.

NOTE 4: Items marked in columns 2a or 2b marked with a \*R are optional core tasks for ANG and AFRC.

NOTE 5: Items coded in column 4A will be trained using Special Operations Forces aircraft/systems. If Special Operations Forces aircraft/systems are unavailable, representative systems from other aircraft may be used.

NOTE 6: Address comments or recommended changes through the MAJCOM Functional Manager to the AETC Training Manager, at N 736-7891.

A19.1. C-130E ON-EQUIPMENT MAINTENANCE										
A19.1.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.1.1.1. Aircraft Familiarization								-	-	-
A19.1.1.2. Major Structure Areas								-	-	-
A19.1.1.3. Major Systems								-	-	-
A19.1.2. GENERAL MAINTENANCE TASKS										
A19.1.2.1. Technical order familiarization								-	-	-
A19.1.2.2. Flightline safety/ precautions/ security	*							-	-	-
A19.1.2.3. Ensure Aircraft is safe for Maintenance								-	-	-
A19.1.2.4. Introduction to aircraft/airframe familiarization								-	-	-
A19.1.2.5. Inspection/operation portable external electrical power unit								-	-	-
A19.1.2.6. Inspect/use ground maintenance stands								-	-	-
A19.1.2.7. Dropped object prevention program (DOPP)								-	-	-
A19.1.2.8. Statically ground aircraft								-	-	-
A19.1.2.9. Apply/disconnect external electrical power unit	*							-	-	-
A19.1.2.10. Perform aircraft wash								-	-	-
A19.1.2.11. Perform refuel/defuel team member duties										

# SOF TRAINING REQUIREMENTS

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	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.1.2.11.1. Refuel/defuel Supervisor								-	-	-
A19.1.2.11.2. SPR Panel operator								-	-	-
A19.1.2.11.3. Flight deck fuel panel operator								-	-	-
A19.1.2.12. Open and close engine cowling								-	-	-
A19.1.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-
A19.1.2.14. Open and Close Nose Radome	*							-	-	-
A19.1.2.15. Open and Close Nose Wheel Door								-	-	-
A19.1.2.16. Perform aircraft marshaling procedures								-	-	-
A19.1.2.17. Tow aircraft										
A19.1.2.17.1. Perform wing/tail walker duties								-	-	-
A19.1.2.17.2. Brake Operator								-	-	-
A19.1.2.18. Jack Aircraft										
A19.1.2.18.1. Jacking supervisor								-	-	-
A19.1.2.18.2. Jacking team member								-	-	-
A19.1.2.19. Operate Aircraft GTC								-	-	-
A19.1.3. COMMUNICATION SYSTEMS										
A19.1.3.1. AN/AIC-18/25 Interphone TR: 1C-130(A)H-2-23JG-40-1, C-130H-2-23FI-40-1 and 1C-130B-2-13										
A19.1.3.1.1. Perform operational check								-	-	-
A19.1.3.1.2. Remove and install (R&I)										
A19.1.3.1.2.1. INTER/INPH Control Panel								-	-	-
A19.1.3.1.2.2. Master Volume Control Panel								-	-	-
A19.1.3.1.2.3. Monitor Panel								-	-	-
A19.1.3.1.2.4. Auxiliary ICS Control Panel								-	-	-
A19.1.3.1.2.5. INTER/MIC Control Switch								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.1.3.1.2.6. Foot Switch								-	-	-	-
A19.1.3.1.2.7. Communication Cord								-	-	-	-
A19.1.3.1.3. Fault isolation								-	-	-	-
A19.1.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.1.5. Perform Phase Inspection								-	-	-	-
A19.1.3.2. AN/ARC-190 HF Communications TR: 1C-130H-2-23JG-10-1, 1C-130H-2 -23FI-10-1 and 1C-130B-2-13											
A19.1.3.2.1. Perform operational check	*							-	-	-	-
A19.1.3.2.2. Remove and install (R&I)											
A19.1.3.2.2.1. Receiver/Transmitter								-	-	-	-
A19.1.3.2.2.2. Receiver/Transmitter Mount								-	-	-	-
A19.1.3.2.2.3. Automatic Control Processor								-	-	-	-
A19.1.3.2.2.4. Antenna Coupler								-	-	-	-
A19.1.3.2.2.5. Antenna Mast/Lighting Arrestor								-	-	-	-
A19.1.3.2.2.6. External Wire Antenna								-	-	-	-
A19.1.3.2.3. Fault isolation								-	-	-	-
A19.1.3.2.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.1.3.2.5. Perform Phase Inspection								-	-	-	-
A19.1.3.3. AN/ARC-186 VHF Communications TR: 1C-130H-2-23JG-20-1, 1C-130H-2 -23FI-20-1 and 1C-130B-2-13											
A19.1.3.3.1. Perform operational check	*							-	-	-	-
A19.1.3.3.2. Remove and install (R&I)											
A19.1.3.3.2.1. Receiver/Transmitter								-	-	-	-
A19.1.3.3.2.2. Antennas								-	-	-	-
A19.1.3.3.3. Fault isolation								-	-	-	-

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	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.1.3.3.4. Aircraft Avionics Systems Integration								-	-	-
A19.1.3.3.5. Perform Phase Inspections								-	-	-
A19.1.3.4. AN/ARC-164 UHF Communications TR: T.O. 1C-130H-2-23JG-20-1, 1C-130H-2-23FI-20-1 and 1C-130B-2-13										
A19.1.3.4.1. Perform operational check	*							-	-	-
A19.1.3.4.2. Remove and install (R&I)										
A19.1.3.4.2.1. Receiver/Transmitter								-	-	-
A19.1.3.4.2.2. Control Panel								-	-	-
A19.1.3.4.2.3. UHF/IFF Diplexer								-	-	-
A19.1.3.4.2.4. Antennas								-	-	-
A19.1.3.4.3. Fault isolation								-	-	-
A19.1.3.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.1.3.4.5. Perform Phase Inspection								-	-	-
A19.1.3.5. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130H-2-23JG-20-2, 1C-130H-2-23FI-20-2 and 1C-130B-2-13										
A19.1.3.5.1. Perform operational check	*							-	-	-
A19.1.3.5.2. Remove and install (R&I)										
A19.1.3.5.2.1. Processor								-	-	-
A19.1.3.5.2.2. Adapter Interface								-	-	-
A19.1.3.5.2.3. Processor Fill Battery								-	-	-
A19.1.3.5.2.4. Remote Control Unit (RCU)								-	-	-
A19.1.3.5.3. Fault isolation								-	-	-
A19.1.3.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.1.3.5.5. Perform Phase Inspection								-	-	-

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	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.1.3.6. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130H-2-23JG-10-2, 1C-130H-2-23FI-10-2 and 1C-130B-2-13											
A19.1.3.6.1. Perform operational check	*							-	-	-	-
A19.1.3.6.2. Remove and install (R&I)											
A19.1.3.6.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.1.3.6.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.1.3.6.2.3. ANDVT Fill Battery								-	-	-	-
A19.1.3.6.2.4. Split Remote Control Unit (SRCU)								-	-	-	-
A19.1.3.6.3. Fault isolation								-	-	-	-
A19.1.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.6.5. Perform Phase Inspection								-	-	-	-
A19.1.3.7. AN/AIC-13 Public Address System TR: 1C-130H-2-23JG-30-1, 1C-130H-2-23FI-30-1 and 1C-130B-2-13											
A19.1.3.7.1. Perform operational check								-	-	-	-
A19.1.3.7.2. Remove and install (R&I)											
A19.1.3.7.2.1. Main Control Panel								-	-	-	-
A19.1.3.7.2.2. System Amplifier								-	-	-	-
A19.1.3.7.2.3. System Loudspeaker								-	-	-	-
A19.1.3.7.2.4. Hand-Held Microphone								-	-	-	-
A19.1.3.7.3. Fault isolation								-	-	-	-
A19.1.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.7.5. Perform Phase Inspection								-	-	-	-
A19.1.3.8. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2-31FI-00-1 and 1C-130B-2-13											
A19.1.3.8.1. Perform operational check								-	-	-	-

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	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.1.3.8.2. Remove and install (R&I)											
A19.1.3.8.2.1. Voice Recorder								-	-	-	-
A19.1.3.8.2.2. Control Unit								-	-	-	-
A19.1.3.8.2.3. Test Switch								-	-	-	-
A19.1.3.8.2.4. Auxiliary Area Microphone								-	-	-	-
A19.1.3.8.3. Fault isolation								-	-	-	-
A19.1.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.8.5. Perform Phase Inspections								-	-	-	-
A19.1.3.9. Emergency Locator Transmitter (ELT) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1 and 1C-130B-2-13											
A19.1.3.9.1. Perform operational check								-	-	-	-
A19.1.3.9.2. Remove and install (R&I)											
A19.1.3.9.2.1. Transmitter								-	-	-	-
A19.1.3.9.2.2. Antenna								-	-	-	-
A19.1.3.9.2.3. Battery Pack								-	-	-	-
A19.1.3.9.3. Fault isolation								-	-	-	-
A19.1.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.3.9.5. Perform Phase Inspection								-	-	-	-
A19.1.3.10. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1 and 1C-130B-2-13											
A19.1.3.10.1. Perform operational checks								-	-	-	-
A19.1.3.10.2. Remove and install (R&I) Underwater Locator Beacon/Battery											
A19.1.3.10.2.1. Underwater Locator Beacon								-	-	-	-
A19.1.3.10.2.2. Battery								-	-	-	-
A19.1.3.10.3. Fault isolation								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
Aircraft Avionic Systems Integration.								-	-	-
A19.1.3.10.5. Perform Phase Inspection								-	-	-
A19.1.4. NAVIGATION SYSTEMS										
A19.1.4.1. Self-Contained Navigation System (SCNS) TR: 1C-130H-2-34JG-40-1, 1C-130H-2-34FI-40-1 and 1C-130B-2-13)										
A19.1.4.1.1. Perform operational check	*							-	-	-
A19.1.4.1.2. Remove and install (R&I)										
A19.1.4.1.2.1. BICU								-	-	-
A19.1.4.1.2.2. IDCU								-	-	-
A19.1.4.1.2.3. SCNS Control Panel								-	-	-
A19.1.4.1.2.4. Interface Receptacle Unit								-	-	-
A19.1.4.1.2.5. DVS								-	-	-
A19.1.4.1.2.6. Dehydrator								-	-	-
A19.1.4.1.2.7. INU								-	-	-
A19.1.4.1.2.8. INU Mount								-	-	-
A19.1.4.1.2.9. INU Battery Unit								-	-	-
A19.1.4.1.2.10. INU Fan/Filter Unit								-	-	-
A19.1.4.1.2.11. HSI Interface Unit								-	-	-
A19.1.4.1.2.12. SCNS Relays and Transformer								-	-	-
A19.1.4.1.2.13. Data Bus Coupler								-	-	-
A19.1.4.1.3. Fault isolation								-	-	-
A19.1.4.1.4. Aircraft Avionic Systems Integration								-	-	-
A19.1.4.1.5. Perform Phase Inspection								-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.1.4.2. AN/APX-72 Identification Friend or Foe (IFF) TR: 1C-130H-2-34JG-40-3, 1C-130H-2-34FI-40-4 and 1C-130B-2-13											
A19.1.4.2.1. Perform operational check	*							-	-	-	-
A19.1.4.2.2. Remove and install (R&I)											
A19.1.4.2.2.1. Control Panel								-	-	-	-
A19.1.4.2.2.2. Receiver/Transmitter								-	-	-	-
A19.1.4.2.2.3. Antennas								-	-	-	-
A19.1.4.2.2.4. Mode 4 Computer								-	-	-	-
A19.1.4.2.2.5. Mode 4 Computer Battery								-	-	-	-
A19.1.4.2.2.6. Antenna Switch and Caution Light Panel								-	-	-	-
A19.1.4.2.2.7. Antenna Switching Unit								-	-	-	-
A19.1.4.2.2.8. Transponder Test Set								-	-	-	-
A19.1.4.2.3. Fault isolation								-	-	-	-
A19.1.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.2.5. Perform Phase Inspection								-	-	-	-
A19.1.4.3. AN/ARN-147 VOR/ILS/MB TR: 1C-130H-2-34JG-50-1, 1C-130N-2-34FI-50-2 and 1C-130B-2-13											
A19.1.4.3.1. Perform operational check								-	-	-	-
A19.1.4.3.2. Remove and install (R&I)											
A19.1.4.3.2.1. Receiver								-	-	-	-
A19.1.4.3.2.2. VOR Antenna								-	-	-	-
A19.1.4.3.2.3. GS Antenna								-	-	-	-
A19.1.4.3.2.4. MB Antenna								-	-	-	-
A19.1.4.3.2.5. MB Panel								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.1.4.3.3. Fault isolation								-	-	-
A19.1.4.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.1.4.3.5. Perform Phase Inspection								-	-	-
A19.1.4.4. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI-50-1 and 1C-130B-2-13										
A19.1.4.4.1. Perform operational check								-	-	-
A19.1.4.4.2. Remove and install (R&I)										
A19.1.4.4.2.1. Receiver/Transmitter								-	-	-
A19.1.4.4.2.2. Receiver/Transmitter Mount								-	-	-
A19.1.4.4.2.3. D/A Converter (MX Adapter)								-	-	-
A19.1.4.4.2.4. Coupler								-	-	-
A19.1.4.4.2.5. Antennas								-	-	-
A19.1.4.4.3. Fault isolation								-	-	-
A19.1.4.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.1.4.4.5. Perform Phase Inspection								-	-	-
A19.1.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130H-2-34JG-50-2, 1C-130H-2-34FI-50-5 and 1C-130B-2-13										
A19.1.4.5.1. Perform operational check	*							-	-	-
A19.1.4.5.2. Remove and install (R&I)										
A19.1.4.5.2.1. Receiver								-	-	-
A19.1.4.5.2.2. Receiver Mount								-	-	-
A19.1.4.5.2.3. Control Display Unit (CDU)								-	-	-
A19.1.4.5.2.4. Antenna								-	-	-
A19.1.4.5.2.5. Antenna Controller								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.1.4.5.2.6. Fill Panel								-	-	-
A19.1.4.5.2.7. Battery								-	-	-
A19.1.4.5.3. Fault isolation								-	-	-
A19.1.4.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.1.4.5.5. Perform Phase Inspection								-	-	-
A19.1.4.6. AN/ARA-25 UHF Direction Finder TR: 1C-130H-2-34JG-50-1, 1C-130H-2 -34FI-50-3 and 1C-130B-2-13										
A19.1.4.6.1. Perform operational check								-	-	-
A19.1.4.6.2. Remove and install (R&I)										
A19.1.4.6.2.1. Power Supply								-	-	-
A19.1.4.6.2.2. Amplifier								-	-	-
A19.1.4.6.2.3. Antenna								-	-	-
A19.1.4.6.3. Adjust Excessive Oscillation								-	-	-
A19.1.4.6.4. Fault isolation								-	-	-
A19.1.4.6.5. Aircraft Avionic Systems Integration								-	-	-
A19.1.4.6.6. Perform Phase Inspection								-	-	-
A19.1.4.7. AN/ARN-6 Automatic Direction Finder (ADF) TR: 1C-130H-2-34JG-50-3, 1C-130H-2 -34FI-50-4 and 1C-130B-2-13										
A19.1.4.7.1. Perform operational check								-	-	-
A19.1.4.7.2. Remove and install (R&I)										
A19.1.4.7.2.1. Receiver								-	-	-
A19.1.4.7.2.2. Tuning-Drive Amplifier								-	-	-
A19.1.4.7.2.3. Control Panel								-	-	-
A19.1.4.7.2.4. Tuning-Drive Motor								-	-	-
A19.1.4.7.2.5. Loop Antenna								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.1.4.7.2.6. Sense Antenna								-	-	-	-
A19.1.4.7.3. Fault isolation								-	-	-	-
A19.1.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.4.7.5. Perform Phase Inspection								-	-	-	-
A19.1.5. RADAR SYSTEMS											
A19.1.5.1. AN/APN-59 E/F Search and Weather Radar TR: 1C-130B-2-13, 1C-130H-2-34JG-40-2-1, 1C-130H-2-34JG-40-2											
A19.1.5.1.1. Perform operational check								-	-	-	-
A19.1.5.1.2. Remove and install (R&I)											
A19.1.5.1.2.1. Antenna Control								-	-	-	-
A19.1.5.1.2.2. Radar Set Control								-	-	-	-
A19.1.5.1.2.3. ECA								-	-	-	-
A19.1.5.1.2.4. Marker Generator								-	-	-	-
A19.1.5.1.2.5. Generator Control Panel								-	-	-	-
A19.1.5.1.2.6. Power Supply								-	-	-	-
A19.1.5.1.2.7. Synchronizer								-	-	-	-
A19.1.5.1.2.8. Synchronizer Control								-	-	-	-
A19.1.5.1.2.9. Pilot Indicator								-	-	-	-
A19.1.5.1.2.10. Nav Indicator								-	-	-	-
A19.1.5.1.2.11. Stab Unit (Gyro)								-	-	-	-
A19.1.5.1.2.12. Receiver/Transmitter								-	-	-	-
A19.1.5.1.2.13. Antenna								-	-	-	-
A19.1.5.1.2.14. Fan								-	-	-	-
A19.1.5.1.3. Adjustments											

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.1.5.1.3.1. Antenna								-	-	-	-
A19.1.5.1.3.2. ECA								-	-	-	-
A19.1.5.1.3.3. Pilot/Nav Indicator (IP-268A/B)								-	-	-	-
A19.1.5.1.3.4. Antenna Optical Heading Marker Sensor								-	-	-	-
A19.1.5.1.3.5. Power Supply Sweep Length for IP-268A/B								-	-	-	-
A19.1.5.1.3.6. Antenna Beam Switching								-	-	-	-
A19.1.5.1.3.7. Align Beam Switching								-	-	-	-
A19.1.5.1.3.8. Alight Control Box Heading Select								-	-	-	-
A19.1.5.1.4. Fault isolation								-	-	-	-
A19.1.5.1.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.5.1.6. Perform Phase Inspection								-	-	-	-
A19.1.5.2. AN/ASQ-14 Waveguide Pressurization System TR: 1C-130H-2-34JG-40-2-1, 1C-130H-2-34FI-40-2 and 1C-130B-2-13)											
A19.1.5.2.1. Perform operational check								-	-	-	-
A19.1.5.2.2. Remove and install (R&I)											
A19.1.5.2.2.1. Air Compressor								-	-	-	-
A19.1.5.2.2.2. Pressure Switch								-	-	-	-
A19.1.5.2.2.3. Control Panel								-	-	-	-
A19.1.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.1.5.2.3. Fault isolation								-	-	-	-
A19.1.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.1.5.2.5. Perform Phase Inspection								-	-	-	-
A19.1.5.3. AN/APN-232 Combined Altitude Radar Altimeter (CARA) TR: 1C-130H-2-34JG-40-5, 1C-130H-2-34FI-40-6 and C-130B-2-13											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.1.5.3.1. Perform operational check	*							-	-	-
A19.1.5.3.2. Remove and install (R&I)										
A19.1.5.3.2.1. Receiver/Transmitter								-	-	-
A19.1.5.3.2.2. Indicator								-	-	-
A19.1.5.3.2.3. Antennas								-	-	-
A19.1.5.3.2.4. Signal Data Converter (SDC)								-	-	-
A19.1.5.3.3. Adjust Altitude								-	-	-
A19.1.5.3.4. Fault isolation								-	-	-
A19.1.5.3.5. Aircraft Avionic Systems Integration								-	-	-
A19.1.5.3.6. Perform Phase Inspection								-	-	-
A19.1.6. MISCELLANEOUS										
A19.1.6.1. Indicators and Displays TR: Applicable Job Guides										
A19.1.6.1.1. Remove and install (R&I)										
A19.1.6.1.1.1. Horizontal Situation Indicator								-	-	-
A19.1.6.1.1.2. Attitude Direction Indicator								-	-	-
A19.1.6.1.1.3. Bearing Direction Heading Indicator								-	-	-
A19.1.6.1.1.4. Radio Magnetic Indicator								-	-	-
A19.1.6.1.1.5. Altimeter-Encoder								-	-	-
A19.2. AC-130H ON-EQUIPMENT MAINTENANCE										
A19.2.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.2.1.1. Aircraft Familiarization								-	-	-
A19.2.1.2. Major Structure Areas								-	-	-
A19.2.1.3. Major Systems								-	-	-
A19.2.2. GENERAL MAINTENANCE TASKS										

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.2.1. Technical order familiarization								-	-	-
A19.2.2.2. Flightline safety/precautions/security	*							-	-	-
A19.2.2.3. Introduction to aircraft/airframe familiarization								-	-	-
A19.2.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-
A19.2.2.5. Inspection/operation portable external electrical power unit								-	-	-
A19.2.2.6. Inspect/use ground maintenance stands								-	-	-
A19.2.2.7. Dropped object prevention program (DOPP)								-	-	-
A19.2.2.8. Statically ground aircraft								-	-	-
A19.2.2.9. Apply/disconnect external electrical power unit	*							-	-	-
A19.2.2.10. Perform aircraft wash								-	-	-
A19.2.2.11. Refuel/Defuel team Member Duties										
A19.2.2.11.1. Refuel/Defuel supervisor								-	-	-
A19.2.2.11.2. SPR Panel operator								-	-	-
A19.2.2.11.3. Flight deck fuel panel operator								-	-	-
A19.2.2.12. Open and close engine cowling								-	-	-
A19.2.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-
A19.2.2.14. Open and Close Nose Radome								-	-	-
A19.2.2.15. Open/Close APQ-150 Radome and Fairing								-	-	-
A19.2.2.16. Perform aircraft marshaling procedures								-	-	-
A19.2.2.17. Tow aircraft										
A19.2.2.17.1. Perform wing/tail walker duties								-	-	-
A19.2.2.17.2. Brake Operator								-	-	-
A19.2.2.18. Jack aircraft										

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.2.18.1. Jacking supervisor								-	-	-
A19.2.2.18.2. Jacking team member								-	-	-
A19.2.2.19. Operate GTC								-	-	-
A19.2.3. COMMUNICATIONS SYSTEMS										
A19.2.3.1. AN/AIC-38 Interphone TR: 1C-130(A)H-2-23JG-40-1, 1C-130(A)H-2-23FI-40-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.3.1.1. Perform operational check	*							-	-	-
A19.2.3.1.2. Remove and install (R&I)										
A19.2.3.1.2.1. Crew Station Unit (CSU)								-	-	-
A19.2.3.1.2.2. Emergency Audio Panel (EAP)								-	-	-
A19.2.3.1.2.3. Digital Switching Unit (DSU)								-	-	-
A19.2.3.1.2.4. Communication Control Unit (CCU)								-	-	-
A19.2.3.1.2.5. Inter/MIC Control Switch								-	-	-
A19.2.3.1.2.6. Foot Switch								-	-	-
A19.2.3.1.2.7. Communication Cord								-	-	-
A19.2.3.1.3. Fault isolation								-	-	-
A19.2.3.1.4. Aircraft Avionic Systems Integration								-	-	-
A19.2.3.1.5. Perform Phase Inspection								-	-	-
A19.2.3.2. AN/ARC-190 HF Communications TR: 1C-130(A)H-2-23JG-10-1, 1C-130(A)H-2-23FI-10-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.3.2.1. Perform operational check	*							-	-	-
A19.2.3.2.2. Remove and install (R&I)										
A19.2.3.2.2.1. Receiver/Transmitter								-	-	-
A19.2.3.2.2.2. Receiver/Transmitter Mount								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.3.2.2.3. Control Box								-	-	-	-
A19.2.3.2.2.4. Automatic Control Processor								-	-	-	-
A19.2.3.2.2.5. Antenna Coupler								-	-	-	-
A19.2.3.2.2.6. Antenna Mast/Lighting Arrestor								-	-	-	-
A19.2.3.2.2.7. External Wire Antenna								-	-	-	-
A19.2.3.2.3. Fault isolation								-	-	-	-
A19.2.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.2.5. Perform Phase Inspection								-	-	-	-
A19.2.3.3. AN/ARC-222 VHF Communications TR: C-130(A)H-2-23JG-20-2, 1C-130(A)H-2-23FI-20-2, 1C-130(A) H-2-8 and 1C-130(A)H-2-13											
A19.2.3.3.1. Perform operational check								-	-	-	-
A19.2.3.3.2. Remove and install (R&I)											
A19.2.3.3.2.1. Receiver/Transmitter								-	-	-	-
A19.2.3.3.2.2. Antennas								-	-	-	-
A19.2.3.3.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.2.3.3.2.4. Radio Control Set (RCS)								-	-	-	-
A19.2.3.3.2.5. Signal Data Comparator (SDC) (VHF#1)								-	-	-	-
A19.2.3.3.3. Fault isolation								-	-	-	-
A19.2.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.3.5. Perform Phase Inspection								-	-	-	-
A19.2.3.4. AN/ARC-164 UHF Communications TR: 1C-130(A)H-2-23JG-20-1, 1C- 130(A)H-2-23FI-20-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.4.1. Perform operational check	*							-	-	-	-
A19.2.3.4.2. Remove and install (R&I)											

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.3.4.2.1. Receiver/Transmitter								-	-	-	-
A19.2.3.4.2.2. Antennas								-	-	-	-
A19.2.3.4.2.3. Control Panel								-	-	-	-
A19.2.3.4.2.4. Antenna Switching Unit								-	-	-	-
A19.2.3.4.2.5. Antenna Selector Panel								-	-	-	-
A19.2.3.4.3. Fault isolation								-	-	-	-
A19.2.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.4.5. Perform Phase Inspection								-	-	-	-
A19.2.3.5. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130(A)H-2-23JG-20-3, 1C-130(A)H-2-23FI-20-3, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.5.1. Perform operational check	*							-	-	-	-
A19.2.3.5.2. Remove and install (R&I)											
A19.2.3.5.2.1. Processor								-	-	-	-
A19.2.3.5.2.2. Adapter Interface								-	-	-	-
A19.2.3.5.2.3. Processor Battery								-	-	-	-
A19.2.3.5.2.4. Remote Control Unit (RCU)								-	-	-	-
A19.2.3.5.3. Fault isolation								-	-	-	-
A19.2.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.5.5. Perform Phase Inspection								-	-	-	-
A19.2.3.6. TSEC/KY-100 UHF/VHF Secure Speech TR: 1C-130(A)H-2-23JG-20-3, 1C-130(A)H-2-23FI-20-3, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.6.1. Perform operational check	*							-	-	-	-
A19.2.3.6.2. Remove and install (R&I)											
A19.2.3.6.2.1. Processor								-	-	-	-

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.3.6.2.2. Processor Battery								-	-	-	-
A19.2.3.6.2.3. Remote Control Unit (RCU)								-	-	-	-
A19.2.3.6.3. Fault isolation								-	-	-	-
A19.2.3.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.6.5. Perform Phase Inspection								-	-	-	-
A19.2.3.7. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(A)H-2 -23JG-10-2, 1C-130(A)H-2-23FI-10-2, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.7.1. Perform operational check	*							-	-	-	-
A19.2.3.7.2. Remove and install (R&I)											
A19.2.3.7.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.2.3.7.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.2.3.7.2.3. ANDVT Fill Battery								-	-	-	-
A19.2.3.7.2.4. Split Remote Control Unit (SRCU)								-	-	-	-
A19.2.3.7.3. Fault isolation								-	-	-	-
A19.2.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.7.5. Perform Phase Inspection								-	-	-	-
A19.2.3.8. AN/ARC-187 Satellite Communications TR: 1C-130(A)H-2-23JG-30-2, 1C-130(A)H-23FI-30-2, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.3.8.1. Perform operational checks	*							-	-	-	-
A19.2.3.8.2. Remove and install (R&I)											
A19.2.3.8.2.1. Receiver/Transmitter								-	-	-	-
A19.2.3.8.2.2. Receiver/Transmitter Mount								-	-	-	-
A19.2.3.8.2.3. Antenna								-	-	-	-
A19.2.3.8.2.4. Preamplifier								-	-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.3.8.2.5. Radio Set Controller								-	-	-	-
A19.2.3.8.2.6. Interface Unit								-	-	-	-
A19.2.3.8.2.7. DAMA Modem								-	-	-	-
A19.2.3.8.2.8. Modem Mount								-	-	-	-
A19.2.3.8.2.9. Modem Control Indicator								-	-	-	-
A19.2.3.8.2.10. VDC-300 Data Controller								-	-	-	-
A19.2.3.8.2.11. Operator Auxiliary Panel								-	-	-	-
A19.2.3.8.2.12. Data I/O Device (Laptop)								-	-	-	-
A19.2.3.8.3. Fault isolation								-	-	-	-
A19.2.3.8.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.2.3.8.5. Perform Phase Inspection								-	-	-	-
A19.2.3.9. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2-31FI-00-1 and 1C-130B-2-13											
A19.2.3.9.1. Perform operational checks								-	-	-	-
A19.2.3.9.2. Remove & install (R&I)											
A19.2.3.9.2.1. Voice Recorder								-	-	-	-
A19.2.3.9.2.2. Control Unit								-	-	-	-
A19.2.3.9.2.3. Test Switch								-	-	-	-
A19.2.3.9.2.4. Auxiliary Area Microphone								-	-	-	-
A19.2.3.9.3. Fault isolation								-	-	-	-
A19.2.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.9.5. Perform Phase Inspection								-	-	-	-
A19.2.3.10. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1 and 1C-130B-2-13											
A19.2.3.10.1. Perform operational check								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.2.3.10.2. Remove and install (R&I)											
A19.2.3.10.2.1. Underwater Locator Beacon								-	-	-	-
A19.2.3.10.2.2. Battery								-	-	-	-
A19.2.3.10.3. Fault isolation								-	-	-	-
A19.2.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.3.10.5. Perform Phase Inspection								-	-	-	-
A19.2.4. NAVIGATION SYSTEMS											
A19.2.4.1. AN/APX-72 Identification Friend or Foe (IFF) TR: 1C-130(A)H-2-34JG-50-8, 1C-130(A)H-2-34FI-50-8, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.1.1. Perform operational checks	*							-	-	-	-
A19.2.4.1.2. Remove and install (R&I)											
A19.2.4.1.2.1. Control Panel								-	-	-	-
A19.2.4.1.2.2. Receiver/Transmitter								-	-	-	-
A19.2.4.1.2.3. Antennas								-	-	-	-
A19.2.4.1.2.4. Mode 4 Computer								-	-	-	-
A19.2.4.1.2.5. Mode 4 Computer Battery								-	-	-	-
A19.2.4.1.2.6. Antenna Switch and Caution Light Panel								-	-	-	-
A19.2.4.1.2.7. Antenna Switching Unit								-	-	-	-
A19.2.4.1.2.8. Transponder Test Set								-	-	-	-
A19.2.4.1.3. Fault isolation								-	-	-	-
A19.2.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.1.5. Perform Phase Inspection								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.2.4.2. AN/ARS-6 Personnel Locator System TR: 1C-130(A)H-2-34JG-50-9, 1C-130(A)H-2-34FI-50-9, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.2.1. Perform operational check								-	-	-	-
A19.2.4.2.2. Remove & install (R&I)											
A19.2.4.2.2.1. Receiver								-	-	-	-
A19.2.4.2.2.2. Antenna								-	-	-	-
A19.2.4.2.2.3. Antenna Switching Unit (ASU)								-	-	-	-
A19.2.4.2.3. Fault isolation								-	-	-	-
A19.2.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.2.5. Perform Phase Inspection								-	-	-	-
A19.2.4.3. AN/ARN-147 VOR /ILS/MB TR: 1C-130(A)H-2-34JG-50-2, 1C-130(A)H-2-34FI-50-2, 1C-130(A)U-2-8 and 1C-130(A)H-2-13											
A19.2.4.3.1. Perform operational check								-	-	-	-
A19.2.4.3.2. Remove & install (R&I)											
A19.2.4.3.2.1. Receiver								-	-	-	-
A19.2.4.3.2.2. Control Panel								-	-	-	-
A19.2.4.3.2.3. VOR Antenna								-	-	-	-
A19.2.4.3.2.4. GS Antenna								-	-	-	-
A19.2.4.3.2.5. MB Antenna								-	-	-	-
A19.2.4.3.2.6. MB Panel								-	-	-	-
A19.2.4.3.3. Fault isolation								-	-	-	-
A19.2.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.3.5. Perform Phase Inspection								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.4.4. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(A)H-2-34JG-50-1, 1C-130(A)-2-34FI-50-1, A1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.4.1. Perform operational checks								-	-	-	-
A19.2.4.4.2. Remove and install (R&I)											
A19.2.4.4.2.1. Receiver/Transmitter								-	-	-	-
A19.2.4.4.2.2. Receiver/Transmitter Monitor								-	-	-	-
A19.2.4.4.2.3. Control Panel								-	-	-	-
A19.2.4.4.2.4. D/A Converter (MX Adapter)								-	-	-	-
A19.2.4.4.2.5. Coupler								-	-	-	-
A19.2.4.4.2.6. Antennas								-	-	-	-
A19.2.4.4.3. Fault isolation								-	-	-	-
A19.2.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.4.5. Perform Phase Inspection								-	-	-	-
A19.2.4.5. Inertial Navigation System (INS) TR: 1C-130(A)H-2-34JG-40-1, 1C-130(A)H-2-34FI-40-1, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.5.1. Perform operational checks								-	-	-	-
A19.2.4.5.2. Remove and install (R&I)											
A19.2.4.5.2.1. INU								-	-	-	-
A19.2.4.5.2.2. INU Mount								-	-	-	-
A19.2.4.5.2.3. Auxiliary Battery Volt Meter Panel								-	-	-	-
A19.2.4.5.2.4. INU Battery								-	-	-	-
A19.2.4.5.2.5. INU Fan								-	-	-	-
A19.2.4.5.3. Fault isolation								-	-	-	-
A19.2.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.4.5.5. Perform Phase Inspection								-	-	-
A19.2.4.6. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(A)H-2-34JG-50-7, 1C-130(A)H-2-34FI-50-7, 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.4.6.1. Perform operational checks	*							-	-	-
A19.2.4.6.2. Remove and install (R&I)										
A19.2.4.6.2.1. Receiver								-	-	-
A19.2.4.6.2.2. Receiver Mount								-	-	-
A19.2.4.6.2.3. Control Display Unit (CDU)								-	-	-
A19.2.4.6.2.4. Antenna								-	-	-
A19.2.4.6.2.5. Antenna Controller								-	-	-
A19.2.4.6.2.6. Interface Unit								-	-	-
A19.2.4.6.2.7. Battery								-	-	-
A19.2.4.6.3. Fault isolation								-	-	-
A19.2.4.6.4. Aircraft Avionic Systems Integration								-	-	-
A19.2.4.6.5. Perform Phase Inspection								-	-	-
A19.2.4.7. AN/ARA-50 UHF Direction Finding TR: 1C-130(A)H-2-34JG-50-3, 1C-130(A)H-2-34FI-50-3, 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.4.7.1. Perform operational checks								-	-	-
A19.2.4.7.2. Remove and install (R&I)										
A29.2.4.7.2.1. Antenna								-	-	-
A19.2.4.7.2.2. Amplifier Relay								-	-	-
A19.2.4.7.2.3. Control Relay								-	-	-
A19.2.4.7.3. Fault isolation								-	-	-
A19.2.4.7.4. Aircraft Avionic Systems Integration								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.4.7.5. Perform Phase Inspection								-	-	-	-
A19.2.4.8. AN/ARN-6 Audio Direction Finder (ADF) TR: 1C-130(A)H-2-34JG-50-4, 1C-130(A)H-2-34FI-50-4, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.8.1. Perform operational check								-	-	-	-
A19.2.4.8.2. Remove and install (R&I)											
A19.2.4.8.2.1. Receiver								-	-	-	-
A19.2.4.8.2.2. Tuning-Drive Amplifier								-	-	-	-
A19.2.4.8.2.3. Control Panel								-	-	-	-
A19.2.4.8.2.4. Tuning-Drive Motor								-	-	-	-
A19.2.4.8.2.5. Loop Antenna								-	-	-	-
A19.2.4.8.2.6. Sense Antenna								-	-	-	-
A19.2.4.8.3. Adjust Loop Antenna								-	-	-	-
A19.2.4.8.4. Fault isolation								-	-	-	-
A19.2.4.8.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.8.6. Perform Phase Inspection								-	-	-	-
A19.2.4.9. AN/APN-218 Doppler Navigation System TR: 1C-130(A)H-2-34JG-40-5, 1C-130(A)H-2-234JG-40-5, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.4.9.1. Perform operational check								-	-	-	-
A19.2.4.9.2. Remove & install (R&I)											
A19.2.4.9.2.1. DVS								-	-	-	-
A19.2.4.9.2.2. GSDAI								-	-	-	-
A19.2.4.9.2.3. Dehydrator								-	-	-	-
A19.2.4.9.3. Fault isolation								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.4.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.4.9.5. Perform Phase Inspection								-	-	-	-
A19.2.5. RADAR SYSTEMS											
A19.2.5.1. AN/APN-59F Search and Weather Radar TR: 1C-130(A)H-2-34JG-40-2, 1C-130(A)H-2-34FI-40-2, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											
A19.2.5.1.1. Perform operational checks								-	-	-	-
A19.2.5.1.2. Remove and install (R&I)											
A19.2.5.1.2.1. Antenna control								-	-	-	-
A19.2.5.1.2.2. Radar Set Control								-	-	-	-
A19.2.5.1.2.3. ECA								-	-	-	-
A19.2.5.1.2.4. Power Supply								-	-	-	-
A19.2.5.1.2.5. Synchronizer								-	-	-	-
A19.2.5.1.2.6. Synchronizer Control								-	-	-	-
A19.2.5.1.2.7. Pilot Indicator								-	-	-	-
A19.2.5.1.2.8. Nav Indicator								-	-	-	-
A19.2.5.1.2.9. Stab Unit (Gyro)								-	-	-	-
A19.2.5.1.2.10. Receiver/Transmitter								-	-	-	-
A19.2.5.1.2.11. Antenna								-	-	-	-
A19.2.5.1.2.12. Fan								-	-	-	-
A19.2.5.1.3. Fault isolation								-	-	-	-
A19.2.5.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.2.5.1.5. Perform Phase Inspection								-	-	-	-
A19.2.5.2. APQ-150 Beacon Tracking Radar TR: 1C-130(A)H-2-34JG-50-6, 1C-130(A)H-2-34FI-50-6, 1C-130(A)H-2-8 and 1C-130(A)H-2-13											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.5.2.1. Perform operational check								-	-	-
A19.2.5.2.2. Remove & install (R&I)										
A19.2.5.2.2.1. Control Indicator								-	-	-
A19.2.5.2.2.2. Receiver/Transmitter								-	-	-
A19.2.5.2.2.3. Support Housing								-	-	-
A19.2.5.2.2.4. Signal Processor								-	-	-
A19.2.5.2.2.5. Servo Amplifier Power Supply								-	-	-
A19.2.5.2.2.6. Interconnect Box								-	-	-
A19.2.5.2.3. Fault isolation								-	-	-
A19.2.5.2.4. Aircraft Avionic Systems Integration								-	-	-
A19.2.5.2.5. Perform Phase Inspection								-	-	-
A19.2.5.3. Waveguide Pressurization System TR: 1C-130(A)H-2-34JG-40-3, 1C-130(A)H-2-34FI-40-3, 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.5.3.1. Perform operational check								-	-	-
A19.2.5.3.2. Remove & install (R&I)										
A19.2.5.3.2.1. Air Compressor								-	-	-
A19.2.5.3.2.2. Pressure Tank								-	-	-
A19.2.5.3.2.3. Relief Tank								-	-	-
A19.2.5.3.2.4. Regulating Valve								-	-	-
A19.2.5.3.2.5. Particulate Filter								-	-	-
A19.2.5.3.2.6. Check Valve								-	-	-
A19.2.5.3.2.7. Waveguide Pressurization Control Panel								-	-	-
A19.2.5.3.2.8. APN-59 Waveguide Pressure Panel								-	-	-
A19.2.5.3.2.9. Shutoff Panel								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.5.3.2.10. Pressure Switch								-	-	-
A19.2.5.3.2.11. Radar Pressure Control Panel								-	-	-
A19.2.5.3.2.12. Dehydrator/Desiccant								-	-	-
A19.2.5.3.3. Fault isolation								-	-	-
A19.2.5.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.2.5.3.5. Perform Phase Inspection								-	-	-
A19.2.5.4. AN/APN-232 Combined Altitude Radar Altimeter TR: 1C-130(A)H-2-34JG-40-4, 1C-130(A)H-2-34FI-40-4, 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.5.4.1. Perform operational check	*							-	-	-
A19.2.5.4.2. Remove & install (R&I)										
A19.2.5.4.2.1. Receiver/Transmitter								-	-	-
A19.2.5.4.2.2. Indicator								-	-	-
A19.2.5.4.2.3. Antennas								-	-	-
A19.2.5.4.2.4. Signal Data Converter (SDC)								-	-	-
A19.2.5.4.3. Adjust Altitude								-	-	-
A19.2.5.4.4. Fault isolation								-	-	-
A19.2.5.4.5. Aircraft Avionic Systems Integration								-	-	-
A19.2.5.4.6. Perform Phase Inspection								-	-	-
A19.2.5.5. Interference Blanking Unit (IBU) TR: 1C-130(A)H-2-8 and 1C-130(A)H-2-13										
A19.2.5.5.1. Perform operational check								-	-	-
A19.2.5.5.2. Remove and install (R&I) IBU								-	-	-
A19.2.5.5.3. Fault isolation								-	-	-
A19.2.5.5.4. Aircraft Avionic Systems Integration								-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.5.5.5. Perform Phase Inspection								-	-	-
A19.2.6. MISSION SYSTEMS										
A19.2.6.1. AN/AAQ-26 Infrared Detecting Set TR: 1C-130(A)H-2-93JG-50-1, 1C-130(A)H-2-93FI-50-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14										
A19.2.6.1.1. Perform operational check	*							-	-	-
A19.2.6.1.2. Remove and install (R&I)										
A19.2.6.1.2.1. Infrared Receiver								-	-	-
A19.2.6.1.2.2. Control Converter								-	-	-
A19.2.6.1.2.3. Gimbal Position Control								-	-	-
A19.2.6.1.2.4. IR Set Control								-	-	-
A19.2.6.1.2.5. Close Out Panel								-	-	-
A19.2.6.1.3. Perform Alignments										
A19.2.6.1.3.1. IR to LLLTV								-	-	-
A19.2.6.1.3.2. IR to Hardpoint								-	-	-
A19.2.6.1.4. Perform IDS Window Cleaning								-	-	-
A19.2.6.1.5. Fault isolation								-	-	-
A19.2.6.1.6. Aircraft Avionic System Integration								-	-	-
A19.2.6.1.7. Perform Phase Inspection								-	-	-
A19.2.6.2. AN/ASQ-145 Low Light Level Television (LLLT) System TR: 1C-130(A)H-2-93JG-20-1-1, 20-1-2, 1C-130(A)H-2-93FI-20-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14										
A19.2.6.2.1. Perform operational checks										
A19.2.6.2.1.1. WTV Camera System Checkout								-	-	-
A19.2.6.2.1.2. NTV Camera System Checkout								-	-	-
A19.2.6.2.1.3. Filter/Focus Checkout								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.6.2.1.4. Camera System Checkout								-	-	-	-
A19.2.6.2.1.5. Video System Checkout								-	-	-	-
A19.2.6.2.1.6. Laser Illuminator Checkout								-	-	-	-
A19.2.6.2.2. Perform tests											
A19.2.6.2.2.1. WTV Camera Collimator Test								-	-	-	-
A19.2.6.2.2.2. NTV Camera Collimator Test								-	-	-	-
A19.2.6.2.2.3. Video System Interface Test								-	-	-	-
A19.2.6.2.3. Inspections											
A19.2.6.2.3.1. Camera Burn Spot Inspection								-	-	-	-
A19.2.6.2.4. Remove and install (R&I)											
A19.2.6.2.4.1. WTV Camera System								-	-	-	-
A19.2.6.2.4.2. WTV Camera Assembly								-	-	-	-
A19.2.6.2.4.3. Wide Lens Assembly								-	-	-	-
A19.2.6.2.4.4. NTV Camera System								-	-	-	-
A19.2.6.2.4.5. Narrow Camera System								-	-	-	-
A19.2.6.2.4.6. Narrow Lens Assembly								-	-	-	-
A19.2.6.2.4.7. Wide Filter/Focus Assembly								-	-	-	-
A19.2.6.2.4.8. Narrow Filter/Focus Assembly								-	-	-	-
A19.2.6.2.4.9. Ambient Temperature Illuminator								-	-	-	-
A19.2.6.2.4.10. TV ECA								-	-	-	-
A19.2.6.2.4.11. Laser ECA								-	-	-	-
A19.2.6.2.4.12. NTV/LTD Control Panel								-	-	-	-
A19.2.6.2.4.13. WTV Control Panel								-	-	-	-
A19.2.6.2.4.14. Illuminator Control Unit								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.2.6.2.4.15. Video Switching Unit (VSU)								-	-	-	-
A19.2.6.2.4.16. Remote Control Unit								-	-	-	-
A19.2.6.2.5. Perform WTV/NTV Alignment								-	-	-	-
A19.2.6.2.6. Perform ATI Purge								-	-	-	-
A19.2.6.2.7. Fault isolation								-	-	-	-
A19.2.6.2.8. Aircraft Avionics System Integration								-	-	-	-
A19.2.6.2.9. Perform Phase Inspection								-	-	-	-
A19.2.6.3. AN/AJQ-24D Stabilized Pedestal Assembly (SPA) TR: 1C-130(A)H-2-93JG-00-1, 1C-130(A)H-2-93FI-00-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.3.1. Perform operational check								-	-	-	-
A19.2.6.3.2. Remove and install (R&I)											
A19.2.6.3.2.1. TV Track Handle								-	-	-	-
A19.2.6.3.2.2. Stabilized Pedestal Assembly								-	-	-	-
A19.2.6.3.2.3. Quartz Rate Servo/5V power supply								-	-	-	-
A19.2.6.3.2.4. +15V Power Supply								-	-	-	-
A19.2.6.3.2.5. Servo Electronic Control Assembly								-	-	-	-
A19.2.6.3.2.6. Cable Assemblies								-	-	-	-
A19.2.6.3.2.7. Azimuth Pick-off Assembly								-	-	-	-
A19.2.6.3.2.8. Elevation Pick-off Assembly								-	-	-	-
A19.2.6.3.2.9. Filter Control Assembly								-	-	-	-
A19.2.6.3.3. Perform Adjustments											
A19.2.6.3.3.1. SPA Static Balancing								-	-	-	-
A19.2.6.3.3.2. SPA Mechanical Stop								-	-	-	-
A19.2.6.3.3.3. TV Track Handle Drift								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.2.6.3.3.4. SPA Cage Position/Solenoid Lock								-	-	-	-
A19.2.6.3.3.5. SPA Load Compensation Potentiometer								-	-	-	-
A19.2.6.3.3.6. AZ Laser Limit Switch								-	-	-	-
A19.2.6.3.3.7. EL Laser Limit Switch								-	-	-	-
A19.2.6.3.3.8. Verification Laser Limit Switch								-	-	-	-
A19.2.6.3.4. Fault isolation								-	-	-	-
A19.2.6.3.5. Aircraft Avionic System Integration								-	-	-	-
A19.2.6.3.6. Perform Phase Inspection								-	-	-	-
A19.2.6.4. AN/AVQ-19/19A Laser Target Designator/Ranger (LTD/R) TR: 1C-130(A)H-2-93JG-60-1, 1C-130(A)H-2-93FI-60-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14											
A19.2.6.4.1. Perform operational check								-	-	-	-
A19.2.6.4.1.1. LTD/R								-	-	-	-
A19.2.6.4.1.2. Flashlamp								-	-	-	-
A19.2.6.4.1.3. LTD/R Mission Computer Interface								-	-	-	-
A19.2.6.4.2. Remove and install (R&I)											
A19.2.6.4.2.1. Receiver/Transmitter Unit								-	-	-	-
A19.2.6.4.2.2. Power Supply								-	-	-	-
A19.2.6.4.2.3. Control Indicator Unit								-	-	-	-
A19.2.6.4.2.4. Flashlamp								-	-	-	-
A19.2.6.4.3. TV-LTD/R Harmonization								-	-	-	-
A19.2.6.4.4. Service								-	-	-	-
A19.2.6.4.5. Clean Optics								-	-	-	-
A19.2.6.4.6. Fault isolation								-	-	-	-
A19.2.6.4.7. Aircraft Avionic System Integration								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.6.4.8. Perform Phase Inspection								-	-	-
A19.2.6.5. Airborne Video Tape Recorder System (AVTRS) TR: 1C-130(A)H-2-93JG-30-1, 1C-130(A)H-2-93FI-30-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14										
A19.2.6.5.1. Perform operational check								-	-	-
A19.2.6.5.2. Remove and install (R&I)										
A19.2.6.5.2.1. Video Tape Recorder Assembly								-	-	-
A19.2.6.5.2.2. DC to DC Converter								-	-	-
A19.2.6.5.2.3. Control Relay								-	-	-
A19.2.6.5.2.4. Recorder Control								-	-	-
A19.2.6.5.2.5. Remote Control								-	-	-
A19.2.6.5.2.6. AVTR								-	-	-
A19.2.6.5.3. Fault isolation								-	-	-
A19.2.6.5.4. Aircraft Avionic System Integration								-	-	-
A19.2.6.5.5. Perform Phase Inspection								-	-	-
A19.2.6.6. Infrared Zoom Laser Illuminator/Designator System (IZLID) TR: 1C-130(A)H-2-93JG-30-1, 1C-130(A)H-2-93FI-30-1, 1C-130(A)H-2-13 and 1C-130(A)H-2-14										
A19.2.6.6.1. Perform operational check								-	-	-
A19.2.6.6.2. Remove and install (R&I)										
A19.2.6.6.2.1. Control Indicator								-	-	-
A19.2.6.6.2.2. IZLID Assembly								-	-	-
A19.2.6.6.2.3. Boresight Positoner								-	-	-
A19.2.6.6.2.4. Mount Bracket								-	-	-
A19.2.6.6.2.5. Clamp Mount								-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.2.6.6.3. Perform IZLID Boresight.								-	-	-
A19.2.6.6.4. Fault isolation								-	-	-
A19.2.6.6.5. Aircraft Avionic Systems Integration								-	-	-
A19.2.6.6.6. Perform Phase Inspection								-	-	-
A19.2.7. MISCELLANEOUS										
A19.2.7.1. Indicators and Displays TR: Applicable Job Guides										
A19.2.7.1.1. Remove and install (R&I)										
A19.2.7.1.1.1. Horizontal Situation Indicator								-	-	-
A19.2.7.1.1.2. Attitude Direction Indicator								-	-	-
A19.2.7.1.1.3. Bearing Direction Heading Indicator								-	-	-
A19.2.7.1.1.4. Radio Magnetic Indicator								-	-	-
A19.2.7.1.1.5. Control Display Unit (Mission Computer)								-	-	-
A19.2.7.1.1.6. Altimeter-Encoder								-	-	-
A19.2.7.1.1.7. 9" Monitor								-	-	-
A19.2.7.1.1.8. 14" Monitor								-	-	-
A19.3. AC-130U ON-EQUIPMENT MAINTENANCE										
A19.3.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.3.1.1. Aircraft Familiarization								-	-	-
A19.3.1.2. Major Structure Areas								-	-	-
A19.3.1.3. Major Systems								-	-	-
A19.3.2. GENERAL MAINTENANCE TASKS										
A19.3.2.1. Technical order familiarization								-	-	-
A19.3.2.2. Flightline safety/precautions/security	*							-	-	-

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.3.2.3. Introduction to aircraft/airframe familiarization								-	-	-	-
A19.3.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-	-
A19.3.2.5. Inspection/operation portable external electrical power unit								-	-	-	-
A19.3.2.6. Inspect/use ground maintenance stands								-	-	-	-
A19.3.2.7. Dropped object prevention program (DOPP)								-	-	-	-
A19.3.2.8. Statically ground aircraft								-	-	-	-
A19.3.2.9. Apply/disconnect external electrical power unit	*							-	-	-	-
A19.3.2.10. Perform aircraft wash								-	-	-	-
A19.3.2.11. Perform refuel/defuel team member duties											
A19.3.2.11.1. Refuel/Defuel Supervisor								-	-	-	-
A19.3.2.11.2. SPR panel operator								-	-	-	-
A19.3.2.11.3. Flight deck fuel panel operator								-	-	-	-
A19.3.2.12. Open and close engine cowling								-	-	-	-
A19.3.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.3.2.14. Open and Close Nose Radome								-	-	-	-
A19.3.2.15. Open and Close Nose Wheel Door								-	-	-	-
A19.3.2.16. Perform aircraft marshaling procedures								-	-	-	-
A19.3.2.17. Perform Aircraft Towing team member duties											
A19.3.2.17.1. Wing/tail walker								-	-	-	-
A19.3.2.17.2. Brake Operator								-	-	-	-
A19.3.2.18. Perform Aircraft Jacking team member duties											
A19.3.2.18.1. Jacking supervisor								-	-	-	-
A19.3.2.18.2. Jacking team member								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.2.19. Operate APU								-	-	-
A19.3.3. COMMUNICATIONS SYSTEMS										
A19.3.3.1. AN/AIC-40 Interphone TR: 1C-130(A)U-2-23JG-50-1, 1C-130(A)U-2-23FI-50-1, 1C-130(A)U-2-8 and 1C-130(A) U-2-13										
A19.3.3.1.1. Perform operational check	*							-	-	-
A19.3.3.1.2. Remove and install (R&I)										
A19.3.3.1.2.1. Crew Station Unit (CSU)								-	-	-
A19.3.3.1.2.2. Emergency Audio Panel (EAP)								-	-	-
A19.3.3.1.2.3. Digital Switching Unit (DSU)								-	-	-
A19.3.3.1.2.4. Communication Control Unit (CCU)								-	-	-
A19.3.3.1.2.5. Interphone Junction Box Power Filter								-	-	-
A19.3.3.1.2.6. INTER/MIC Control Switch								-	-	-
A19.3.3.1.2.7. Foot Switch								-	-	-
A19.3.3.1.2.8. Communication Cord								-	-	-
A19.3.3.1.3. Fault isolation								-	-	-
A19.3.3.1.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.3.1.5. Perform Phase Inspection								-	-	-
A19.3.3.2. AN/ARC-190 HF Communications TR. 1C-130(A)U-2-23JG-20-3, 20-4, 1C-130(A)U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.3.2.1. Perform operational check	*							-	-	-
A19.3.3.2.2. Remove and install (R&I)										
A19.3.3.2.2.1. Receiver/Transmitter								-	-	-
A19.3.3.2.2.2. Receiver/Transmitter Mount								-	-	-
A19.3.3.2.2.3. Radio Set Control (RSC)								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.3.3.2.2.4. Select Scan and Mount (ACS Processor)								-	-	-	-
A19.3.3.2.2.5. Preselector and Mount								-	-	-	-
A19.3.3.2.2.6. Audio Amplifier								-	-	-	-
A19.3.3.2.2.7. Secure Relay								-	-	-	-
A19.3.3.2.2.8. Emergency Headset Preamplifier								-	-	-	-
A19.3.3.2.2.9. Shunt Antenna								-	-	-	-
A19.3.3.2.2.10. Shunt Antenna Coupler and Mount								-	-	-	-
A19.3.3.2.2.11. Probe Antenna								-	-	-	-
A19.3.3.2.2.12. Probe Antenna Coupler and Feed Assembly								-	-	-	-
A19.3.3.2.2.13. Probe Antenna Lightening Arrestor								-	-	-	-
A19.3.3.2.3. Fault isolation								-	-	-	-
A19.3.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.2.5. Perform Phase Inspection								-	-	-	-
A19.3.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(A)U-2-23JG-20-3, 20-4, 1C-130(A) U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A) U-2-13											
A19.3.3.3.1. Perform operational check	*							-	-	-	-
A19.3.3.3.2. Remove and install (R&I)											
A19.3.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.3.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.3.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.3.3.3.3. Fault isolation								-	-	-	-
A19.3.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.3.5. Perform Phase Inspection								-	-	-	-

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.3.3.4. AN/ARC-186 VHF Communications and TSEC/KY-58 Secure Speech TR: 1C-130(A)U-2-23JG-20-2, 1C-130(A)U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.4.1. Perform operational check								-	-	-	-
A19.3.3.4.2. Remove and install (R&I)											
A19.3.3.4.2.1. Receiver/Transmitter								-	-	-	-
A19.3.3.4.2.2. Antenna								-	-	-	-
A19.3.3.4.2.3. Back-up Control Panel								-	-	-	-
A19.3.3.4.2.4. CTC Panel								-	-	-	-
A19.3.3.4.2.5. KY-58 Processor								-	-	-	-
A19.3.3.4.2.6. Adapter Interface								-	-	-	-
A19.3.3.4.2.7. Z-AHP Remote Control Unit								-	-	-	-
A19.3.3.4.2.8. Cipher Text Mode Panel								-	-	-	-
A19.3.3.4.2.9. Secure Relay								-	-	-	-
A19.3.3.4.2.10. Antenna Coax Relay								-	-	-	-
A19.3.3.4.3. Fault isolation								-	-	-	-
A19.3.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.4.5. Perform Phase Inspection								-	-	-	-
A19.3.3.5. AN/ARC-222 VHF Communications and TSEC/KY-100 Secure Speech TR: 1C-130(A)U-2-23JG-20-2, 1C-130(A)U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.5.1. Perform operational check								-	-	-	-
A19.3.3.5.2. Remove and install (R&I)											
A19.3.3.5.2.1. Receiver/Transmitter								-	-	-	-
A19.3.3.5.2.2. Antenna								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.3.3.5.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.3.3.5.2.4. Radio Control Set (RCS)								-	-	-	-
A19.3.3.5.2.5. KY-100 Mail Terminal Unit								-	-	-	-
A19.3.3.5.2.6. Z-AVH Remote Control Unit								-	-	-	-
A19.3.3.5.2.7. Cipher Text Mode Panel								-	-	-	-
A19.3.3.5.2.8. Secure Relay								-	-	-	-
A19.3.3.5.2.9. Antenna Coax Relay								-	-	-	-
A19.3.3.5.3. Fault isolation								-	-	-	-
A19.3.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.5.5. Perform Phase Inspection								-	-	-	-
A19.3.3.6. AN/ARC-164 UHF Communications and TSEC/KY-58 Secure Speech TR 1C-130(A)U-2-23JG-30-1, 30-2, 1C-130(A)U-2-23FI-30-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13	*										
A19.3.3.6.1. Perform operational check	*							-	-	-	-
A19.3.3.6.2. Remove and install (R&I)											
A19.3.3.6.2.1. Receiver/Transmitter								-	-	-	-
A19.3.3.6.2.2. Antenna								-	-	-	-
A19.3.3.6.2.3. Back-up Control Panel								-	-	-	-
A19.3.3.6.2.4. CTC Panel								-	-	-	-
A19.3.3.6.2.5. KY-58 Processor								-	-	-	-
A19.3.3.6.2.6. Z-AHP Remote Control Unit								-	-	-	-
A19.3.3.6.2.7. Cipher Text Mode Panel								-	-	-	-
A19.3.3.6.2.8. Secure Relay								-	-	-	-
A19.3.3.6.2.9. Antenna Selector								-	-	-	-
A19.3.3.6.2.10. Antenna Coax Relay								-	-	-	-

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.3.3.6.3. Fault isolation								-	-	-	-
A19.3.3.6.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.3.3.6.5. Perform Phase Inspection								-	-	-	-
A19.3.3.7. AN/ARC-187 Satellite Communications (SATCOM) TR: 1C-130(A)U-2-23JG-20-5, 1C-130(A)U-2-23FI-20-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.7.1. Perform operational check	*							-	-	-	-
A19.3.3.7.2. Remove and install (R&I)											
A19.3.3.7.2.1. Receiver/Transmitter								-	-	-	-
A19.3.3.7.2.2. Receiver/Transmitter Mount								-	-	-	-
A19.3.3.7.2.3. Transmit/Receive Board								-	-	-	-
A19.3.3.7.2.4. Collar Assembly								-	-	-	-
A19.3.3.7.2.5. Antenna								-	-	-	-
A19.3.3.7.2.6. Preamplifier								-	-	-	-
A19.3.3.7.2.7. Interface Unit								-	-	-	-
A19.3.3.7.2.8. Hybrid Coupler								-	-	-	-
A19.3.3.7.2.9. KY-58 Processor								-	-	-	-
A19.3.3.7.2.10. Secure Relay								-	-	-	-
A19.3.3.7.3. Fault isolation								-	-	-	-
A19.3.3.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.7.5. Perform Phase Inspection								-	-	-	-
A19.3.3.8. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1, 1C-130 (A)U-2-8 and 1C-130(A)U-2-13											
A19.3.3.8.1. Perform operational checks								-	-	-	-
A19.3.3.8.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.3.3.8.2.1. Underwater Locator Beacon								-	-	-	-
A19.3.3.8.2.2. Battery								-	-	-	-
A19.3.3.8.3. Fault isolation								-	-	-	-
A19.3.3.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.8.5. Perform Phase Inspection								-	-	-	-
A19.3.3.9. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2-31FI-00-1, 1CL-130(A)U-2-8 and 1C-130(A) U-2-13											
A19.3.3.9.1. Perform operational check								-	-	-	-
A19.3.3.9.2. Remove and install (R&I)											
A19.3.3.9.2.1. Voice Recorder								-	-	-	-
A19.3.3.9.2.2. Control unit								-	-	-	-
A19.3.3.9.2.3. Test Switch								-	-	-	-
A19.3.3.9.2.4. Microphone								-	-	-	-
A19.3.3.9.3. Fault isolation								-	-	-	-
A19.3.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.3.9.5. Perform Phase Inspection								-	-	-	-
A19.3.4. NAVIGATION SYSTEMS											
A19.3.4.1. AN/APX-100 Identification Friend or Foe (IFF) TR: 1C-130(A)U-2-34JG-50-2, 1C-130(A)U-2-50FI-1, 1CL-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.1.1. Perform operational checks	*							-	-	-	-
A19.3.4.1.2. Remove and install (R&I)											
A19.3.4.1.2.1. Control Panel								-	-	-	-
A19.3.4.1.2.2. Receiver/Transmitter								-	-	-	-
A19.3.4.1.2.3. Antennas								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.3.4.1.2.4. Mode 4 Computer								-	-	-	-
A19.3.4.1.2.5. Mode 4 Computer Battery								-	-	-	-
A19.3.4.1.3. Fault isolation								-	-	-	-
A19.3.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.1.5. Perform Phase Inspection								-	-	-	-
A19.3.4.2. AN/ARN-147 VOR /ILS /MB TR: 1C-130(A)U-2-34JG-30-1, 1C-130(A)U-34FI-30-1, 1C-130(A)U-2-8, 1C-130(A)U-2-13											
A19.3.4.2.1. Perform operational check								-	-	-	-
A19.3.4.2.2. Remove and install (R&I)											
A19.3.4.2.2.1. Receiver								-	-	-	-
A19.3.4.2.2.2. VOR Antenna								-	-	-	-
A19.3.4.2.2.3. GS Antenna								-	-	-	-
A19.3.4.2.2.4. MB Antenna								-	-	-	-
A19.3.4.2.2.5. MB Panel								-	-	-	-
A19.3.4.2.3. Fault isolation								-	-	-	-
A19.3.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.4.2.5. Perform Phase Inspection								-	-	-	-
A19.3.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(A)U-2-34JG-50-1, 1C-130(A)U-34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13											
A19.3.4.3.1. Perform operational check								-	-	-	-
A19.3.4.3.2. Remove and install (R&I)											
A19.3.4.3.2.1. Receiver/Transmitter								-	-	-	-
A19.3.4.3.2.2. Mount								-	-	-	-
A19.3.4.3.2.3. D/A Converter (MX Adapter)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.4.3.2.4. HSVDIU								-	-	-
A19.3.4.3.2.5. Antennas								-	-	-
A19.3.4.3.3. Fault isolation								-	-	-
A19.3.4.3.4. Aircraft Avionics Systems Integration								-	-	-
A19.3.4.3.5. Perform Phase Inspection								-	-	-
A19.3.4.4. Inertial Navigation System (INS) TR: 1C-130(A)U-2-34JG-40-1, 1C-130(A)U-34FI-40-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.4.4.1. Perform operational check								-	-	-
A19.3.4.4.2. Remove and install (R&I)										
A19.3.4.4.2.1. INU								-	-	-
A19.3.4.4.2.2. INU Mount								-	-	-
A19.3.4.4.2.3. Control Panel								-	-	-
A19.3.4.4.2.4. Battery								-	-	-
A19.3.4.4.3. Fault isolation								-	-	-
A19.3.4.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.4.4.5. Perform Phase Inspection								-	-	-
A19.3.4.5. AN/ARN-151 Global Positioning System (GPS) TR: C-130(A)U-2-34JG-50-2, 1C-130(A)U-34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.4.5.1. Perform operational check	*							-	-	-
A19.3.4.5.2. Remove and install (R&I)										
A19.3.4.5.2.1. Receiver								-	-	-
A19.3.4.5.2.2. Receiver Mount								-	-	-
A19.3.4.5.2.3. Antenna Controller								-	-	-
A19.3.4.5.2.4. Antenna								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.4.5.2.5. Battery								-	-	-
A19.3.4.5.3. Fault isolation								-	-	-
A19.3.4.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.4.5.5. Perform Phase Inspection								-	-	-
A19.3.4.6. AN/ARN-149 DF-206A Automatic Direction Finder (ADF) TR: 1C-130(A)U-2-34JG-50-2, 1C-130(A)U-34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.4.6.1. Perform operational check								-	-	-
A19.3.4.6.2. Remove and install (R&I)										
A19.3.4.6.2.1. Receiver								-	-	-
A19.3.4.6.2.2. Antenna								-	-	-
A19.3.4.6.3. Fault isolation								-	-	-
A19.3.4.6.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.4.6.5. Perform Phase Inspections								-	-	-
A19.3.4.7. DF-301E UHF/VHF Direction Finder TR: 1C-130(A)U-2-34JG-50-2, 1C-130(A)U-34FI-50-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.4.7.1. Perform operational check								-	-	-
A19.3.4.7.2. Remove and install (R&I)										
A19.3.4.7.2.1. Antenna								-	-	-
A19.3.4.7.2.2. UHF/VHF DF Switching Relay								-	-	-
A19.3.4.7.2.3. Phase Shift Relay								-	-	-
A19.3.4.7.2.4. CTC Panel								-	-	-
A19.3.4.7.3. Fault isolation								-	-	-
A19.3.4.7.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.4.7.5. Perform Phase Inspection								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.5. RADAR SYSTEMS										
A19.3.5.1. AN/APQ-180 Radar TR: 1C-130(A)U-2-94JG-70-1, 70-2, 70-3, 70-4, 1C-130(A)U-94FI-70-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.5.1.1. Perform operational check								-	-	-
A19.3.5.1.2. Perform Antenna Hydraulic Leak Check								-	-	-
A19.3.5.1.3. Perform Radar Waveguide Set Pressurization Check								-	-	-
A19.3.5.1.4. Remove and install (R&I)										
A19.3.5.1.4.1. Transmitter								-	-	-
A19.3.5.1.4.2. Antenna								-	-	-
A19.3.5.1.4.3. Radar Data Processor (RDP)								-	-	-
A19.3.5.1.4.4. Analog-to-Digital Converter (ADC)								-	-	-
A19.3.5.1.4.5. Receiver/Exciter (R/E)								-	-	-
A19.3.5.1.4.6. Programmable Signal Processor (PSP)								-	-	-
A19.3.5.1.4.7. Low Voltage Power Supply (LVPS)								-	-	-
A19.3.5.1.4.8. Radar Control Panel (RCP)								-	-	-
A19.3.5.1.4.9. Inner Azimuth Integrating Rate Gyro								-	-	-
A19.3.5.1.4.10. Elevation Integrating Rate Gyro								-	-	-
A19.3.5.1.4.11. Azimuth Hydraulic Servo-Valve								-	-	-
A19.3.5.1.4.12. Elevation Hydraulic Servo-Valve								-	-	-
A19.3.5.1.4.13. Radar Dehydrator								-	-	-
A19.3.5.1.4.14. Dehydrator Crystals								-	-	-
A19.3.5.1.5. Update Radar Antenna Harmonization								-	-	-
A19.3.5.1.6. Load and Verify OFP Procedures								-	-	-
A19.3.5.1.7. Fault isolation								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.5.1.8. Aircraft Avionic Systems Integration								-	-	-
A19.3.5.1.9. Perform Phase Inspection								-	-	-
A19.3.5.2. AN/APN-232 Combined Altitude Radar Altimeter TR: 1C-130(A)U-2-34JG-10-2, 1C-130(A)U-34FI-10-1, 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.5.2.1. Perform operational check	*							-	-	-
A19.3.5.2.2. Remove and install (R&I)										
A19.3.5.2.2.1. Receiver/Transmitter								-	-	-
A19.3.5.2.2.2. Indicator								-	-	-
A19.3.5.2.2.3. Antenna								-	-	-
A19.3.5.2.2.4. Signal Data Converter (SDC)								-	-	-
A19.3.5.2.2.5. CARA Select Switch								-	-	-
A19.3.5.2.3. Adjust Altitude								-	-	-
A19.3.5.2.4. Fault isolation								-	-	-
A19.3.5.2.5. Aircraft Avionic Systems Integration								-	-	-
A19.3.5.2.6. Perform Phase Inspection								-	-	-
A19.3.5.3. Radar Transponder System TR: 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.5.3.1. Perform operational check								-	-	-
A19.3.5.3.2. Remove and install (R&I)										
A19.3.5.3.2.1. Receiver/Transmitter								-	-	-
A19.3.5.3.2.2. Antenna								-	-	-
A19.3.5.3.3. Fault isolation								-	-	-
A19.3.5.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.5.3.5. Perform Phase Inspection								-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.5.4. Control Display Unit (CDU) System TR: 1C-130(A)U-2-8 and 1C-130(A)U-2-13										
A19.3.5.4.1. Perform operational check								-	-	-
A19.3.5.4.2. Remove and install (R&I)										
A19.3.5.4.2.1. CDU								-	-	-
A19.3.5.4.2.2. Flight Deck Power Panel								-	-	-
A19.3.5.4.2.3. R/N FCO Power Panel								-	-	-
A19.3.5.4.2.4. EWO Power Panel								-	-	-
A19.3.5.4.3. Fault isolation								-	-	-
A19.3.5.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.3.5.4.5. Perform Phase Inspection								-	-	-
A19.3.6. MISSION SYSTEMS										
A19.3.6.1. AN/AAQ-26 Infrared Detecting Set TR: 1C-130(A)U-2-99JG-50-1, 1C-130(A)U-99FI-50-1, 1C-130(A)U-2-13 and 1C-130(A)U-2-14										
A19.3.6.1.1. Perform operational check	*							-	-	-
A19.3.6.1.2. Remove and install (R&I)										
A19.3.6.1.2.1. Infrared Receiver								-	-	-
A19.3.6.1.2.2. Control Converter								-	-	-
A19.3.6.1.2.3. IR Set Control								-	-	-
A19.3.6.1.2.4. IR Transformer								-	-	-
A19.3.6.1.2.5. Aux IR Panel								-	-	-
A19.3.6.1.2.6. Close Out Panel								-	-	-
A19.3.6.1.3. Perform Boresight								-	-	-
A19.3.6.1.4. Perform IDS Window Cleaning								-	-	-
A19.3.6.1.5. Fault isolation								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.6.1.6. Aircraft Avionic System Integration								-	-	-
A19.3.6.1.7. Perform Phase Inspection								-	-	-
A19.3.6.2. All Light Level Television (ALLTV) TR: 1C-130(A)U-2-99JG-60-1, 1C-130(A)U-99FI-60-1, 1C-130(A)U-2-13 and (1C-130(A) U-2-14										
A19.3.6.2.1. Perform operational checks								-	-	-
A19.3.6.2.2. Remove and install (R&I)										
A19.3.6.2.2.1. Turret								-	-	-
A19.3.6.2.2.2. Control Electronic Unit (CEU)								-	-	-
A19.3.6.2.2.3. Laser Control Panel								-	-	-
A19.3.6.2.2.4. System Control Panel								-	-	-
A19.3.6.2.2.5. Close Out Panel								-	-	-
A19.3.6.2.2.6. WFOV Optical Assembly								-	-	-
A19.3.6.2.2.7. N/MFOV Optical Assembly								-	-	-
A19.3.6.2.2.8. Laser Illuminator Assembly (LIA)								-	-	-
A19.3.6.2.2.9. Laser Target Designator/Range Finder								-	-	-
A19.3.6.2.2.10. Camera Control Electronics (CCE)								-	-	-
A19.3.6.2.2.11. Power Unit								-	-	-
A19.3.6.2.2.12. Turret Control Unit (TCU)								-	-	-
A19.3.6.2.2.13. Heat Exchanger								-	-	-
A19.3.6.2.2.14. Manual Light Control Panel (MLCP)								-	-	-
A19.3.6.2.2.15. Maintenance Panel								-	-	-
A19.3.6.2.2.16. Mass Simulator								-	-	-
A19.3.6.2.3. Perform Ground Boresight								-	-	-
A19.3.6.2.4. Perform LTD/RF – M/N FOV Optical Purge								-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.3.6.2.5. Perform Cleaning								-	-	-	-
A19.3.6.2.6. Fault isolation								-	-	-	-
A19.3.6.2.7. Aircraft Avionic Systems Integration								-	-	-	-
A19.3.6.2.8. Perform Phase Inspection								-	-	-	-
A19.3.6.3. Airborne Video Cassette Recorder System (AVCRS) TR: 1C-130(A)U-2-99JG-30-1, 1C-130(A)U-99FI-30-1, 1C-130(A)U-2-13 and 1C-130(A)U-2-14											
A19.3.6.3.1. Perform operational checks								-	-	-	-
A19.3.6.3.2. Remove and Install (R&I)											
A19.3.6.3.2.1. Video Cassette Recorder Assembly								-	-	-	-
A19.3.6.3.2.2. DC to DC Converter								-	-	-	-
A19.3.6.3.2.3. DC to DC Capacitor								-	-	-	-
A19.3.6.3.2.4. VCR Select Panel								-	-	-	-
A19.3.6.3.2.5. Wired Remote Control								-	-	-	-
A19.3.6.3.2.6. Degausser								-	-	-	-
A19.3.6.3.3. Fault isolation								-	-	-	-
A19.3.6.3.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.3.6.3.5. Perform Phase Inspection								-	-	-	-
A19.3.7. MISCELLANEOUS											
A19.3.7.1. Indicators and Displays TR: Applicable JG											
A19.3.7.1.1. Remove and install (R&I)											
A19.3.7.1.1.1. Horizontal Situation Indicator								-	-	-	-
A19.3.7.1.1.2. Attitude Direction Indicator								-	-	-	-
A19.3.7.1.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.3.7.1.1.4. Radio Magnetic Indicator								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.3.7.1.1.5. Multifunction Display (BMFD/ CMFD)								-	-	-
A19.3.7.1.1.6. Altimeter-Encoder								-	-	-
A19.4. MC-130E ON-EQUIPMENT MAINTENANCE										
A19.4.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.4.1.1. Aircraft Familiarization								-	-	-
A19.4.1.2. Major Structure Areas								-	-	-
A19.4.1.3. Major Systems								-	-	-
A19.4.2. GENERAL MAINTENANCE TASKS										
A19.4.2.1. Technical order familiarization								-	-	-
A19.4.2.2. Flightline safety/precautions/security	*							-	-	-
A19.4.2.3. Introduction to aircraft/airframe familiarization								-	-	-
A19.4.2.4. Ensure Aircraft is safe for maintenance	*							-	-	-
A19.4.2.5. Inspection/operation portable external electrical power unit								-	-	-
A19.4.2.6. Inspect/use ground maintenance stands								-	-	-
A19.4.2.7. Dropped object prevention program (DOPP)								-	-	-
A19.4.2.8. Statically ground aircraft								-	-	-
A19.4.2.9. Apply/disconnect external electrical power unit	*							-	-	-
A19.4.2.10. Perform aircraft wash								-	-	-
A19.4.2.11. Perform Refuel/Defuel Team Member Duties										
A19.4.2.11.1. Refuel/Defuel supervisor								-	-	-
A19.4.2.11.2. SPR panel operator								-	-	-
A19.4.2.11.3. Flight deck fuel panel operator								-	-	-
A19.4.2.12. Open and close engine cowling								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.2.13. Remove/install aircraft maintenance access panels								-	-	-	-
A19.4.2.14. Open and Close Nose Radome								-	-	-	-
A19.4.2.15. Open and Close Nose Wheel Door								-	-	-	-
A19.4.2.16. Perform aircraft marshalling procedures								-	-	-	-
A19.4.2.17. Perform Aircraft Towing Team Member Duties											
A19.4.2.17.1. Wing/tail Walker								-	-	-	-
A19.4.2.17.2. Brake Operator								-	-	-	-
A19.4.2.18. Perform Aircraft Jacking Team Member Duties											
A19.4.2.18.1. Jacking Supervisor								-	-	-	-
A19.4.2.18.2. Jacking Team Member								-	-	-	-
A19.4.2.19. Operate aircraft GTC/ATM								-	-	-	-
A19.4.3. COMMUNICATIONS SYSTEMS											
A19.4.3.1. AN/AIC-18/25 Interphone TR: 1C-130(M)E-2-23JG-50-1, 1C-130(M)H-2-23FI-50-1, 1C-130(M)E-1-8 and 1C-130(M)E-2-13											
A19.4.3.1.1. Perform operational check								-	-	-	-
A19.4.3.1.2. Remove and install (R&I)											
A19.4.3.1.2.1. INTER/INPH Control Panel								-	-	-	-
A19.4.3.1.2.2. Monitor Panel								-	-	-	-
A19.4.3.1.2.3. Auxiliary ICS Control Panel								-	-	-	-
A19.4.3.1.2.4. INTER/MIC Control Switch								-	-	-	-
A19.4.3.1.2.5. Foot Switch								-	-	-	-
A19.4.3.1.2.6. Communication Cord								-	-	-	-
A19.4.3.1.2.7. Private ICS Panel								-	-	-	-
A19.4.3.1.3. Fault isolation								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.3.1.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.3.1.5. Perform Phase Inspection								-	-	-
A19.4.3.2. AN/ARC-190 HF Communication TR: 1C-130(M)H-2-23JG-10-1, 1C-130(M)H-2-23FI-10-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.3.2.1. Perform operational check	*							-	-	-
A19.4.3.2.2. Remove and install (R&I)										
A19.4.3.2.2.1. Receiver/Transmitter								-	-	-
A19.4.3.2.2.2. Mount								-	-	-
A19.4.3.2.2.3. Control Box								-	-	-
A19.4.3.2.2.4. Automatic Control Processor								-	-	-
A19.4.3.2.2.5. Antenna Coupler								-	-	-
A19.4.3.2.2.6. Antenna Mast/Lighting Arrestor								-	-	-
A19.4.3.2.2.7. External Wire Antenna								-	-	-
A19.4.3.2.3. Fault isolation								-	-	-
A19.4.3.2.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.3.2.5. Perform Phase Inspection								-	-	-
A19.4.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(M)H-2-23JG-10-2, 1C-130(M)H-2-23FI-10-2, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.3.3.1. Perform operational check	*							-	-	-
A19.4.3.3.2. Remove and install (R&I)										
A19.4.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-
A19.4.3.3.2.2. COMSEC Module (KYV-5)								-	-	-
A19.4.3.3.2.3. ANDVT Fill Battery								-	-	-
A19.4.3.3.2.4. Split Remote Control Unit (SRCU)								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.3.3.3. Fault isolation								-	-	-
A19.4.3.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.3.3.5. Perform Phase Inspection								-	-	-
A19.4.3.4. AN/ARC-186 VHF Communications TR: 1C-130(M)H-2-23JG-20-2, 1C-130(M)H-2-23FI-20-2, 1C-130(M)E-2-8 and 1C-130(M) -2-13										
A19.4.3.4.1. Perform operational check								-	-	-
A19.4.3.4.2. Remove & install (R&I)										
A19.4.3.4.2.1. Receiver/Transmitter								-	-	-
A19.4.3.4.2.2. Antennas								-	-	-
A19.4.3.4.2.3. Radio Control Set (RCS)								-	-	-
A19.4.3.4.2.4. Signal Data Comparator (SDC) FM Homing								-	-	-
A19.4.3.4.3. Fault isolation								-	-	-
A19.4.3.4.4. Aircraft Avionics Systems Integration								-	-	-
A19.4.3.4.5. Perform Phase Inspection								-	-	-
A19.4.3.5. AN/ARC-222 VHF Communications TR: 1C-130(M)H-2-23JG-20-2, 1C-130-(M)H-2-23FI-20-2, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.3.5.1. Perform operational check								-	-	-
A19.4.3.5.2. Remove and install (R&I)										
A19.4.3.5.2.1. Receiver/Transmitter								-	-	-
A19.4.3.5.2.2. Antennas								-	-	-
A19.4.3.5.2.3. Logic Control Unit (LCU)								-	-	-
A19.4.3.5.2.4. Radio Control Set (RCS)								-	-	-
A19.4.3.5.2.5. Signal Data Comparator (SDC) FM Homing								-	-	-
A19.4.3.5.3. Fault isolation								-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.3.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.6. AN/ARC-164 UHF Communications TR: 1C-130(M)H-2-23JG-20-1, 1C-130(M)H-2-23FI-20-1, 1C-130(M)E-1-8 and 1C-130(M)E-2-13											
A19.4.3.6.1. Perform operational check	*							-	-	-	-
A19.4.3.6.2. Remove and install (R&I)											
A19.4.3.6.2.1. Receiver/Transmitter								-	-	-	-
A19.4.3.6.2.2. Antennas								-	-	-	-
A19.4.3.6.2.3. Control Panel								-	-	-	-
A19.4.3.6.2.4. Antenna Switching Unit								-	-	-	-
A19.4.3.6.2.5. Antenna Selector Panel								-	-	-	-
A19.4.3.6.3. Fault isolation								-	-	-	-
A19.4.3.6.4. Aircraft Avionics Systems Integration								-	-	-	-
A19.4.3.6.5. Perform Phase Inspection								-	-	-	-
A19.4.3.7. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130-(M)H-2-23JG-20-3, 1C-130(M) H-2-23FI-20-3, 1C-130(M)E-2-8 and 1C-130 (M)E-2-13											
A19.4.3.7.1. Perform operational check	*							-	-	-	-
A19.4.3.7.2. Remove and install (R&I)											
A19.4.3.7.2.1. Processor								-	-	-	-
A19.4.3.7.2.2. Adapter Interface								-	-	-	-
A19.4.3.7.2.3. Processor Battery								-	-	-	-
A19.4.4.7.3. Remove Control Unit								-	-	-	-
A19.4.3.7.4. Fault isolation								-	-	-	-
A19.4.3.7.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.7.6. Perform Phase Inspection								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.3.8. TSEC/KY-100 UHF/VHF Secure Speech TR: 1C-130-(M)H-2-23JG-20-3, 1C-130(M)H-2-23FI-20-3, 1C-130(M)E-2-8 and 1C-130 (M)E-2-13										
A19.4.3.8.1. Perform operational check	*							-	-	-
A19.4.3.8.2. Remove and install (R&I)										
A19.4.3.8.2.1. Processor								-	-	-
A19.4.3.8.2.2. Processor Batter								-	-	-
A19.4.3.8.2.3. Remote Control Unit (RCU)								-	-	-
A19.4.3.8.3. Fault isolation								-	-	-
A19.4.3.8.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.3.8.5. Perform Phase Inspection								-	-	-
A19.4.3.9. AN/ARC-187 Satellite Communications (SATCOM) TR: 1C-130(M)H-2-23JG-30-1, 1C-130(M)H-23FI-30-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.3.9.1. Perform operational check	*							-	-	-
A19.4.3.9.2. Remove and install (R&I)										
A19.4.3.9.2.1. Receiver/Transmitter								-	-	-
A19.4.3.9.2.2. Receiver/Transmitter Mount								-	-	-
A19.4.3.9.2.3. Antenna								-	-	-
A19.4.3.9.2.4. Preamplifier								-	-	-
A19.4.3.9.2.5. Radio Set Controller								-	-	-
A19.4.3.9.2.6. Interface Unit								-	-	-
A19.4.3.9.2.7. DAMA Modem								-	-	-
A19.4.3.9.2.8. Modem Mount								-	-	-
A19.4.3.9.2.9. Modem Control Indicator								-	-	-
A19.4.3.9.2.10. VDC-300 Data Controller								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.3.9.2.11. Operator Auxiliary Panel								-	-	-	-
A19.4.3.9.2.12. SATCOM Antenna Select Panel								-	-	-	-
A19.4.3.9.2.13. Data I/O Device (Laptop)								-	-	-	-
A19.4.3.9.3. Fault isolation								-	-	-	-
A19.4.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.9.5. Perform Phase Inspection								-	-	-	-
A19.4.3.10. AN/AIC-13 Public Address System TR: 1C-130(M)H-2-23-JG-40-1, 1C-130(M)H-2-23FI-40-1, 1CL-130(M)E-2-8 and 1C-130 (M)E-2-13											
A19.4.3.10.1. Perform operational check								-	-	-	-
A19.4.3.10.2. Remove and install (R&I)											
A19.4.3.10.2.1. Main Control Panel								-	-	-	-
A19.4.3.10.2.2. System Amplifier								-	-	-	-
A19.4.3.10.2.3. System Loudspeaker								-	-	-	-
A19.4.3.10.2.4. Hand-Held Microphone								-	-	-	-
A19.4.3.10.3. Fault isolation								-	-	-	-
A19.4.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.3.10.5. Perform Phase Inspection								-	-	-	-
A19.4.3.11. Underwater Locator Beacon (ULB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.3.11.1. Perform operational checks								-	-	-	-
A19.4.3.11.2. Remove and install (R&I)											
A19.4.3.11.2.1. Underwater Locator Beacon								-	-	-	-
A19.4.3.11.2.2. Battery								-	-	-	-
A19.4.3.11.3. Fault isolation								-	-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.3.11.4. Aircraft Avionics Integration								-	-	-
A19.4.3.11.5. Perform Phase Inspection								-	-	-
A19.4.3.12. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-2-31FI-00-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.3.12.1. Perform operational check								-	-	-
A19.4.3.12.2. Remove and install (R&I)										
A19.4.3.12.2.1. Voice Recorder								-	-	-
A19.4.3.12.2.2. Control Unit								-	-	-
A19.4.3.12.2.3. Test Switch								-	-	-
A19.4.3.12.2.4. Microphone								-	-	-
A19.4.3.12.3. Fault isolation								-	-	-
A19.4.3.12.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.3.12.5. Perform Phase Inspection								-	-	-
A19.4.4. NAVIGATION SYSTEMS										
A19.4.4.1. AN/APX-72 Identification Friend or Foe (IFF) TR: 1C-130(M)H-2-34JG-50-8, 1C-130(M)H-2-34-50-8, 1C-130(M)E-2-8 and 1C-130(M) E-2-13										
A19.4.4.1.1. Perform operational check	*							-	-	-
A19.4.4.1.2. Remove and install (R&I)								-	-	-
A19.4.4.1.2.1. Control Panel								-	-	-
A19.4.4.1.2.2. Receiver/Transmitter								-	-	-
A19.4.4.1.2.3. Antennas								-	-	-
A19.4.4.1.2.4. Mode 4 Computer								-	-	-
A19.4.4.1.2.5. Mode 4 Computer Battery								-	-	-
A19.4.4.1.2.6. Ant Switch and Caution Light Panel								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.4.1.2.7. Antenna Switching Unit								-	-	-	-
A19.4.4.1.2.8. Transponder Test Set								-	-	-	-
A19.4.4.1.3. Fault isolation								-	-	-	-
A19.4.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.1.5. Perform Phase Inspection								-	-	-	-
A19.4.4.2. AN/ARN-147 VOR/ILS/MB TR: 1C-130(M)E-2-34JG-50-2, 1CL-130(M)E-2.34FI-50-2, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.4.2.1. Perform operational check								-	-	-	-
A19.4.4.2.2. Remove and install (R&I)											
A19.4.4.2.2.1. Receiver								-	-	-	-
A19.4.4.2.2.2. Control Box								-	-	-	-
A19.4.4.2.2.3. VOR Antenna								-	-	-	-
A19.4.4.2.2.4. GS Antenna								-	-	-	-
A19.4.4.2.2.5. MB Antenna								-	-	-	-
A19.4.4.2.2.6. MB Panel								-	-	-	-
A19.4.4.2.2.7. Navigation Instrument Switching Relays								-	-	-	-
A19.4.4.2.3. Fault isolation								-	-	-	-
A19.4.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.2.5. Perform Phase Inspection								-	-	-	-
A19.4.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(M)H-2-34JG-50-1, 1C-130(M)H-2-34FI-50-1, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.4.3.1. Perform operational check								-	-	-	-
A19.4.4.3.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.4.3.2.1. Receiver/Transmitter								-	-	-	-
A19.4.4.3.2.2. Mount								-	-	-	-
A19.4.4.3.2.3. D/A Converter (MX Adapter)								-	-	-	-
A19.4.4.3.2.4. Coupler								-	-	-	-
A19.4.4.3.2.5. Control Box								-	-	-	-
A19.4.4.3.2.6. Antennas								-	-	-	-
A19.4.4.3.3. Fault isolation								-	-	-	-
A19.4.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.3.5. Perform Phase Inspection								-	-	-	-
A19.4.4.4. Inertial Navigation System (INS) TR: 1C-130(M)H-2-34JG-40-1, 1C-130(M)H-2-34FI-40-1, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.4.4.1. Perform operational check								-	-	-	-
A19.4.4.4.2. Remove and install (R&I)											
A19.4.4.4.2.1. INU								-	-	-	-
A19.4.4.4.2.2. INU Mount								-	-	-	-
A19.4.4.4.2.3. INU Battery								-	-	-	-
A19.4.4.4.2.4. INU Fan								-	-	-	-
A19.4.4.4.3. Fault isolation								-	-	-	-
A19.4.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.4.5. Perform Phase Inspection								-	-	-	-
A19.4.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(M)H-2-34JG-50-6, 1C-130(M)H-2-34FI-50-6, 1C-130(M)E-2-8 and 1C-130(M) E-2-13	*										
A19.4.4.5.1. Perform operational check	*							-	-	-	-
A19.4.4.5.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.4.5.2.1. Receiver								-	-	-	-
A19.4.4.5.2.2. Receiver Mount								-	-	-	-
A19.4.4.5.2.3. Control Display Unit (CDU)								-	-	-	-
A19.4.4.5.2.4. Antenna								-	-	-	-
A19.4.4.5.2.5. Antenna Controller								-	-	-	-
A19.4.4.5.2.6. Remove Fill Port Panel								-	-	-	-
A19.4.4.5.2.7. Battery								-	-	-	-
A19.4.4.5.3. Fault isolation								-	-	-	-
A19.4.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.5.5. Perform Phase Inspections								-	-	-	-
A19.4.4.6. AN/ARA-25 UHF Direction Finder TR: 1C-130(M)E-2-34JG-50-4, 1C-130(M)E-2-34FI-50-4, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.6.1. Perform operational check								-	-	-	-
A19.4.4.6.2. Remove and install (R&I)											
A19.4.4.6.2.1. Amplifier								-	-	-	-
A19.4.4.6.2.2. Antenna								-	-	-	-
A19.4.4.6.2.3. Power Supply								-	-	-	-
A19.4.4.6.2.4. Antenna Changeover Relay								-	-	-	-
A19.4.4.6.2.5. Control Relay								-	-	-	-
A19.4.4.6.2.6. DF Relays								-	-	-	-
A19.4.4.6.3. Fault isolation								-	-	-	-
A19.4.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.6.5. Perform Phase Inspection								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.4.4.7. AN/ARN-6 Radio Compass (ADF) TR: 1C-130(M)E-2-34JG-50-4, 1C-130(M)E-2-34FI-50-4, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.7.1. Perform operational check								-	-	-	-
A19.4.4.7.2. Remove and install (R&I)											
A19.4.4.7.2.1. Receiver								-	-	-	-
A19.4.4.7.2.2. Tuning-Drive Amplifier								-	-	-	-
A19.4.4.7.2.3. Control Panel								-	-	-	-
A19.4.4.7.2.4. Tuning-Drive Motor								-	-	-	-
A19.4.4.7.2.5. Loop Antenna								-	-	-	-
A19.4.4.7.2.6. Sense Antenna								-	-	-	-
A19.4.4.7.3. Fault isolation								-	-	-	-
A19.4.4.7.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.7.5. Perform Phase Inspection								-	-	-	-
A19.4.4.8. AN/APN-218 Doppler Navigation System TR: 1C-130(M)E-2-34JG-40-6, 1C-130(M)E-234FI-40-6, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											
A19.4.4.8.1. Perform operational check								-	-	-	-
A19.4.4.8.2. Remove and install (R&I)											
A19.4.4.8.2.1. DVS								-	-	-	-
A19.4.4.8.2.2. GSDAI (Pilot/Copilot)								-	-	-	-
A19.4.4.8.2.3. GSIDI (Navigator)								-	-	-	-
A19.4.4.8.2.4. Dehydrator								-	-	-	-
A19.4.4.8.3. Fault isolation								-	-	-	-
A19.4.4.8.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.4.8.5. Perform Phase Inspection								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.5. RADAR SYSTEMS										
A19.4.5.1. ANAPQ-122 Multimode Radar System TR: 1C-130(M)E-2-34JG-40-3-1, 40-3-2, 1C-130(M)E-2-34FI-40-3-1, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.5.1.1. Perform operational check								-	-	-
A19.4.5.1.2. Remove and install (R&I)										
A19.4.5.1.2.1. Left Nav DSC Control Panel								-	-	-
A19.4.5.1.2.2. Right Nav DSC Control Panel								-	-	-
A19.4.5.1.2.3. Left Nav DSC Indicator								-	-	-
A19.4.5.1.2.4. Right Nav DSC Indicator								-	-	-
A19.4.5.1.2.5. Pilots DSC Control Panel								-	-	-
A19.4.5.1.2.6. Pilots DSC Indicator								-	-	-
A19.4.5.1.2.7. TF Warning Lights Panel								-	-	-
A19.4.5.1.2.8. Maintenance Panel								-	-	-
A19.4.5.1.2.9. TF Transmitter SW/TF Warning Light Panel								-	-	-
A19.4.5.1.2.10. X-Band Set Control Panel								-	-	-
A19.4.5.1.2.11. Ka-Band Sent Control Panel								-	-	-
A19.4.5.1.2.12. Antenna Control								-	-	-
A19.4.5.1.2.13. Cursor Control Panel								-	-	-
A19.4.5.1.2.14. Digital Scan Converter (DSC)								-	-	-
A19.4.5.1.2.15. DSC Power Supply								-	-	-
A19.4.5.1.2.16. Power Supply Programmer (PSP)								-	-	-
A19.4.5.1.2.17. TF Computer								-	-	-
A19.4.5.1.2.18. Electronic Control Amplifier (ECA)								-	-	-
A19.4.5.1.2.19. X Band Receiver/Transmitter								-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.5.1.2.20. Ka Band Receiver/Transmitter								-	-	-	-
A19.4.5.1.2.21. TF Receiver								-	-	-	-
A19.4.5.1.2.22. TF Antenna								-	-	-	-
A19.4.5.1.2.23. X/Ka Band Antenna								-	-	-	-
A19.4.5.1.3. Perform Boresight								-	-	-	-
A19.4.5.1.4. Perform Functional Check Flight (FCF)								-	-	-	-
A19.4.5.1.5. Fault isolation								-	-	-	-
A19.4.5.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.1.7. Perform Phase Inspections								-	-	-	-
A19.4.5.2. AN/ASQ-14 Radar Pressurization System TR: 1C-130(M)E-2-34JG-40-2, 1C-130(M)E-2-34FI-40-2, 1C-130(M)E-2-8 and 1C-130(M) E-2-13											
A19.4.5.2.1. Perform operational check								-	-	-	-
A19.4.5.2.2. Remove and install (R&I)											
A19.4.5.2.2.1. Air Compressor								-	-	-	-
A19.4.5.2.2.2. Pressure Switch								-	-	-	-
A19.4.5.2.2.3. Control Panel								-	-	-	-
A19.4.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.4.5.2.3. Fault isolation								-	-	-	-
A19.4.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.2.5. Perform Phase Inspection								-	-	-	-
A19.4.5.3. Ka Freon Pressurization System TR: 1C-130(M)E-2-34JG-40-3-1, 40-3-2, 1C-130(M)E-2-34FI-40-3-1 and 1C-130(M)E-2-10, 1C-130(M)E-2-13											
A19.4.5.3.1. Perform operational check								-	-	-	-
A19.4.5.3.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.4.5.3.2.1. Ka-Band Pressurization Control Panel								-	-	-	-
A19.4.5.3.2.2. Control Valve								-	-	-	-
A19.4.5.3.2.3. Pressure Regulator								-	-	-	-
A19.4.5.3.2.4. Pressure Switch								-	-	-	-
A19.4.5.3.2.5. Freon Bottle Pressure Gauge								-	-	-	-
A19.4.5.3.2.6. Compressed Gas Cylinder								-	-	-	-
A19.4.5.3.3. Purge Ka Band Radar System								-	-	-	-
A19.4.5.3.4. Fault isolation								-	-	-	-
A19.4.5.3.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.3.6. Perform Phase Inspection								-	-	-	-
A19.4.5.4. Radar Cooling Air System TR: 1C-130(M)E-2-34JG-40-3-1, 40-3-2, 1C-130(M)E-2-34FI-40-3-1 and 1C-130(M)E-2-10, 1C-130(M)E-2-13											
A19.4.5.4.1. Perform operational check								-	-	-	-
A19.4.5.4.2. Remove and install (R&I)											
A19.4.5.4.2.1. Radar Cooling/Air Fail Light Panel								-	-	-	-
A19.4.5.4.2.2. Blower Assembly								-	-	-	-
A19.4.5.4.2.3. Air Shutoff Valves								-	-	-	-
A19.4.5.4.2.4. Pressure Switches								-	-	-	-
A19.4.5.4.2.5. Filters								-	-	-	-
A19.4.5.4.3. Fault isolation								-	-	-	-
A19.4.5.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.5.4.5. Perform Phase Inspection								-	-	-	-
A19.4.5.5. Dual Angle Measuring System TR: 1C-130(M)E-2-34JGK-20-4, 1C-130(M)E-2-34FI-20-4, 1C-130(M)E-2-8 and 1C-130(M)E-2-13											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.5.5.1. Perform operational checks								-	-	-
A19.4.5.5.2. Remove and install (R&I)										
A19.4.5.5.2.1. Angle of Attack (AOA) Probe								-	-	-
A19.4.5.5.2.2. Dual Angle Indicator								-	-	-
A19.4.5.5.2.3. AOA Probe Anti-icing Control								-	-	-
A19.4.5.5.3. Fault isolation								-	-	-
A19.4.5.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.5.5.5. Perform Phase Inspections								-	-	-
A19.4.5.6. AN/APN-171 Radar Altimeter TR: 1C-130(M)E-2-34JG-40-5, 1C-130(M)E-2-34FI-40-5, 1C-130(M)E-2-8 and 1C-130(M)E -2-13										
A19.4.5.6.1. Perform operational check	*							-	-	-
A19.4.5.6.2. Remove and install (R&I)										
A19.4.5.6.2.1. Receiver/Transmitter								-	-	-
A19.4.5.6.2.2. Indicator								-	-	-
A19.4.5.6.2.3. Antenna								-	-	-
A19.4.5.6.3. Adjust Altitude								-	-	-
A19.4.5.6.4. Fault isolation								-	-	-
A19.4.5.6.5. Aircraft Avionic Systems Integration								-	-	-
A19.4.5.6.6. Perform Phase Inspection								-	-	-
A19.4.5.7. Radar Transponder System TR: 1C-130(M)H-2-34JG-50-5, 1C-130(M)H-2-34FI-50-5, 1C-130(M)E-2-8 and 1C-130(M)E-2-13										
A19.4.5.7.1. Perform operational check								-	-	-
A19.4.5.7.2. Remove and install (R&I)										
A19.4.5.7.2.1. Receiver/Transmitter								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.5.7.2.2. Antenna								-	-	-
A19.4.5.7.2.3. Radar Transponder Panel								-	-	-
A19.4.5.7.3. Fault isolation								-	-	-
A19.4.5.7.4. Aircraft Avionic Systems Integration								-	-	-
A19.4.5.7.5. Perform Phase Inspection								-	-	-
A19.4.6. MISSION SYSTEMS										
A19.4.6.1. AAQ-18 Forward Looking Infrared System TR: 1C-130(M)E-2-93JG-00-1, 1C-130(M)E-2-93FI-00-1, 1C-130(M)E-2-8 and C-130(M)E-2-13										
A19.4.6.1.1. Perform Checks										
A19.4.6.1.1.1. Operational check	*							-	-	-
A19.4.6.1.1.2. Extend/Retract Checkout								-	-	-
A19.4.6.1.1.3. Alarm and Warning Checkout	*							-	-	-
A19.4.6.1.1.4. No Alarm Checkout								-	-	-
A19.4.6.1.2. Remove and install (R&I)										
A19.4.6.1.2.1. Receiver								-	-	-
A19.4.6.1.2.2. Power Supply								-	-	-
A19.4.6.1.2.3. ECA								-	-	-
A19.4.6.1.2.4. Set Control								-	-	-
A19.4.6.1.2.5. Mount Base								-	-	-
A19.4.6.1.2.6. Extend/Retract Control Panel								-	-	-
A19.4.6.1.2.7. Monitor Panel								-	-	-
A19.4.6.1.2.8. Extend/Retract Actuator (Ballscrew)								-	-	-
A19.4.6.1.2.9. Pneumatic Panel Components								-	-	-
A19.4.6.1.2.10. Pneumatic Door Actuator								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES								-	-	-	-
A19.4.6.1.2.11. FLIR Position Indicator (FPI)								-	-	-	-
A19.4.6.1.2.12. Closeout Panel								-	-	-	-
A19.4.6.1.3. Adjust Cable Tension, Door Actuator								-	-	-	-
A19.4.6.1.4. Perform Slave Synchro Adjustment								-	-	-	-
A19.4.6.1.5. Service Ballscrew Actuator								-	-	-	-
A19.4.6.1.6. Fault isolation								-	-	-	-
A19.4.6.1.7. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.6.1.8. Perform Phase Inspection								-	-	-	-
A19.4.6.2. Pneumatic System											
A19.4.6.2.1. Adjust Pressure								-	-	-	-
A19.4.6.2.2. Adjust Door Opening Speed								-	-	-	-
A19.4.6.2.3. Clean/Replace Pneumatic Panel Filter								-	-	-	-
A19.4.6.2.4. Drain Pneumatic Panel Filter								-	-	-	-
A19.4.6.2.5. Fault isolation								-	-	-	-
A19.4.6.2.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.4.6.2.7. Perform Phase Inspection								-	-	-	-
A19.4.7. MISCELLANEOUS											
A19.4.7.1. Indicators and Displays TR: Applicable Job Guides											
A19.4.7.1.1. Remove and install (R&I)											
A19.4.7.1.1.1. Horizontal Situation Indicator								-	-	-	-
A19.4.7.1.1.2. Attitude Direction Indicator								-	-	-	-
A19.4.7.1.1.3. Bearing Direction Heading Indicator								-	-	-	-
A19.4.7.1.1.4. Radio Magnetic Indicator								-	-	-	-
A19.4.7.1.1.5. Control Display Unit (Mission Computer)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.4.7.1.1.6. Altimeter-Encoder								-	-	-
A19.4.7.1.1.7. Monitor								-	-	-
A19.5. MC-130H ON-EQUIPMENT MAINTENANCE										
A19.5.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.5.1.1. Aircraft Familiarization								-	-	-
A19.5.1.2. Major Structure Areas								-	-	-
A19.5.1.3. Major Systems								-	-	-
A19.5.2. GENERAL MAINTENANCE TASKS										
A19.5.2.1. Technical order familiarization								-	-	-
A19.5.2.2. Flightline safety/ precautions/ security	*							-	-	-
A19.5.2.3. Introduction to aircraft/airframe familiarization								-	-	-
A19.5.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-
A19.5.2.5. Inspection/operation portable external electrical power unit								-	-	-
A19.5.2.6. Inspect/use ground maintenance stands								-	-	-
A19.5.2.7. Dropped object prevention program (DOPP)								-	-	-
A19.5.2.8. Statically ground aircraft								-	-	-
A19.5.2.9. Apply/disconnect external electrical power unit	*							-	-	-
A19.5.2.10. Apply Cooling Air to aircraft	*							-	-	-
A19.5.2.11. Perform aircraft wash								-	-	-
A19.5.2.12. Perform refuel/defuel team member duties										
A19.5.2.12.1. Refuel/Defuel supervisor								-	-	-
A19.5.2.12.2. SPR Panel Operator								-	-	-
A19.5.2.12.3. Flight Deck Fuel Panel Operator								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES								-	-	-	-
A19.5.2.13. Open and close engine cowling								-	-	-	-
A19.5.2.14. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.5.2.15. Open and Close Nose Wheel Door								-	-	-	-
A19.5.2.16. Open and Close Nose Radome								-	-	-	-
A19.5.2.17. Perform aircraft marshaling procedures								-	-	-	-
A19.5.2.18. Perform Aircraft Towing Duties											
A19.5.2.18.1. Wing/tail walker								-	-	-	-
A19.5.2.18.2. Brake Operator								-	-	-	-
A19.5.2.19. Perform Jacking Team Duties											
A19.5.2.19.1. Jacking supervisor								-	-	-	-
A19.5.2.19.2. Jacking team member								-	-	-	-
A19.5.3. COMMUNICATIONS SYSTEMS											
A19.5.3.1. AN/AIC-30 Interphone TR: 1C-130(M)H-2-23JG-50-1, 1C-130(M)H-2-23FI-50-1, 1C-130(M)H-2-8, and 1C-130(M)H-2-13											
A19.5.3.1.1. Perform operational check								-	-	-	-
A19.5.3.1.2. Remove and install (R&I)											
A19.5.3.1.2.1. Communication Switching Unit (CSU)								-	-	-	-
A19.5.3.1.2.2. Intercommunication System (ICS) Control Panel								-	-	-	-
A19.5.3.1.2.3. ICS Monitor Panel								-	-	-	-
A19.5.3.1.2.4. Auxiliary Control Panel								-	-	-	-
A19.5.3.1.2.5. Audio Frequency Amplifier								-	-	-	-
A19.5.3.1.2.6. Control Wheel ICS/RAD Switch								-	-	-	-
A19.5.3.1.2.7. Control Wheel CALL Switch								-	-	-	-
A19.5.3.1.2.8. Foot Switch								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.5.3.1.2.9. Interphone Junction Box								-	-	-
A19.5.3.1.2.10. Communication Cord								-	-	-
A19.5.3.1.3. Fault isolation								-	-	-
A19.5.3.1.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.1.5. Perform Phase Inspection								-	-	-
A19.5.3.2. AN/ARC-190 HF Communications TR: 1C-130(M)H-2-23JG-10-1, 1C-130(M)H-2-23FI-10-1, 1C-130(M)H-2-8 and 1C-130(M) H-2-13										
A19.5.3.2.1. Perform operational checks	*							-	-	-
A19.5.3.2.2. Remove and install (R&I)										
A19.5.3.2.2.1. Receiver/Transmitter								-	-	-
A19.5.3.2.2.2. Mount								-	-	-
A19.5.3.2.2.3. Automatic Control Processor								-	-	-
A19.5.3.2.2.4. HF Antenna and Lead								-	-	-
A19.5.3.2.2.5. Antenna Coupler								-	-	-
A19.5.3.2.2.6. Antenna Coupler Mount								-	-	-
A19.5.3.2.2.7. Bus Link								-	-	-
A19.5.3.2.3. Fault isolation								-	-	-
A19.5.3.2.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.2.5. Perform Phase Inspection								-	-	-
A19.5.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130(M)H-2-23JG-10-2, 1C-130(M)H-2-23FI-10-2, 1C-130(M)H-2-8 and 1C-130(MH-2-13										
A19.5.3.3.1. Perform operational check	*							-	-	-
A19.5.3.3.2. Remove and install (R&I)										
A19.5.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.5.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.5.3.3.2.4. Split Remote Control Unit (SRCU)								-	-	-	-
A19.5.3.3.3. Fault isolation								-	-	-	-
A19.5.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.3.5. Perform Phase Inspection								-	-	-	-
A19.5.3.4. AN/ARC-222 VHF Communications TR: 1C-130(M)H-2-23JG-20-2, 1C-130(M)H-2-23FI-20-2, 1C-130(M)H-2-8 and 1C-130(M) H-2-13											
A19.5.3.4.1. Perform operational check								-	-	-	-
A19.5.3.4.2. Remove and install (R&I)											
A19.5.3.4.2.1. Receiver/Transmitter								-	-	-	-
A19.5.3.4.2.2. Antenna								-	-	-	-
A19.5.3.4.2.3. Logic Control Unit (LCU)								-	-	-	-
A19.5.3.4.2.4. UHF/VHF RF Switch								-	-	-	-
A19.5.3.4.3. Fault isolation								-	-	-	-
A19.5.3.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.4.5. Perform Phase Inspection								-	-	-	-
A19.5.3.5. AN/ARC-164 UHF Communications TR: 1C-130(M)H-2-23JG-20-1, 1C-130(M)H-2-23FI-20-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.5.1. Perform operational check	*							-	-	-	-
A19.5.3.5.2. Remove and install (R&I)											
A19.5.3.5.2.1. Receiver/Transmitter								-	-	-	-
A19.5.3.5.2.2. Antenna								-	-	-	-
A19.5.3.5.2.3. Back-up Control Panel								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.5.3.5.2.4. UHF/VHF RF Switch								-	-	-
A19.5.3.5.3. Fault isolation								-	-	-
A19.5.3.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.5.5. Perform Phase Inspection								-	-	-
A19.5.3.6. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130(M)H-2-23JG-20-3, 1C-130(M)H-2-23FI-20-3, 1C-130(M)H-2-8 and 1C-130(M) H-2-13										
A19.5.3.6.1. Perform operational check	*							-	-	-
A19.5.3.6.2. Remove and install (R&I)										
A19.5.3.6.2.1. Processor								-	-	-
A19.5.3.6.2.2. Adapter Interface								-	-	-
A19.5.3.6.2.3. Processor Battery								-	-	-
A19.5.3.6.2.4. Remote Control Unit (RCU)								-	-	-
A19.5.3.6.3. Fault isolation								-	-	-
A19.5.3.6.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.6.5. Perform Phase Inspection								-	-	-
A19.5.3.7. TSEC/KY-100 UHF/VHF Secure Speech TR: 1C-130(M)H-2-23JG-20-3, 1C-130(M)H-2-23FI-20-3, 1C-130(M)H-2-8 and 1C-130(M) H-2-13										
A19.5.3.7.1. Perform operational check	*							-	-	-
A19.5.3.7.2. Remove and install (R&I)										
A19.5.3.7.2.1. Processor								-	-	-
A19.5.3.7.2.2. Processor Battery								-	-	-
A19.5.3.7.2.3. Remote Control Unit (RCU)								-	-	-
A19.5.3.7.3. Fault isolation								-	-	-
A19.5.3.7.4. Aircraft Avionic Systems Integration								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.5.3.7.5. Perform Phase Inspection								-	-	-
A19.5.3.8. AN/ARC-187 Satellite Communications (SATCOM) TR: 1C-130(M)H-2-23JG-30-1, 1C-130(M)H-2-23FI-30-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13										
A19.5.3.8.1. Perform operational check	*							-	-	-
A19.5.3.8.2. Remove and install (R&I)										
A19.5.3.8.2.1. Receiver/Transmitter								-	-	-
A19.5.3.8.2.2. Receiver/Transmitter Mount								-	-	-
A19.5.3.8.2.3. Antenna								-	-	-
A19.5.3.8.2.4. Preamplifier								-	-	-
A19.5.3.8.2.5. Radio Set Controller (RSC)								-	-	-
A19.5.3.8.2.6. Interface Unit								-	-	-
A19.5.3.8.2.7. DAMA Modem								-	-	-
A19.5.3.8.2.8. Modem Mount								-	-	-
A19.5.3.8.2.9. Modem Control Indicator								-	-	-
A19.5.3.8.3. Fault isolation								-	-	-
A19.5.3.8.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.8.5. Perform Phase Inspection								-	-	-
A19.5.3.9. Digital Data System TR: 1C-130(M)H-2-23JG-20-1, 1C-130(M)H-2-23FI-30-1, 1C-130(M)H-2-8 and 1C-130(M) H-2-13										
A19.5.3.9.1. Perform operational check	*							-	-	-
A19.5.3.9.2. Remove and install (R&I)										
A19.5.3.9.2.1. VDC-300 Airborne Data Controller								-	-	-
A19.5.3.9.2.2. Digital Switching Unit (DSU)								-	-	-
A19.5.3.9.2.3. Digital Data Input/Output Panel								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.3.9.2.4. Auxiliary DDIO Panel								-	-	-	-
A19.5.3.9.2.5. Data I/O Device (Laptop)								-	-	-	-
A19.5.3.9.3. Fault isolation								-	-	-	-
A19.5.3.9.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.9.5. Perform Phase Inspection								-	-	-	-
A19.5.3.10. AN/A1C-13 Public Address System TR: 1C-130-(M)H-2-23JG-40-1, 1C-130(M)H-2-23FI-40-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.10.1. Perform operational check								-	-	-	-
A19.5.3.10.2. Remove and install (R&I)											
A19.5.3.10.2.1. Control Panel (NAV/EWO)								-	-	-	-
A19.5.3.10.2.2. Microphone Amplifier								-	-	-	-
A19.5.3.10.2.3. Audio Amplifier								-	-	-	-
A19.5.3.10.2.4. Speaker Amplifier								-	-	-	-
A19.5.3.10.2.5. Loudspeaker								-	-	-	-
A19.5.3.10.2.6. Hand-Held Microphone								-	-	-	-
A19.5.3.10.2.7. Auxiliary Control Panel (FWD PA)								-	-	-	-
A19.5.3.10.2.8. Auxiliary Control Panel (Jump PA)								-	-	-	-
A19.5.3.10.2.9. Select Panel (Pilot PA)								-	-	-	-
A19.5.3.10.3. Fault isolation								-	-	-	-
A19.5.3.10.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.3.10.5. Perform Phase Inspection								-	-	-	-
A19.5.3.11. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1C-130H-25FI-00-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.3.11.1. Perform operational check								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.5.3.11.2. Remove and install (R&I)										
A19.5.3.11.2.1. Voice Recorder								-	-	-
A19.5.3.11.2.2. Control Unit								-	-	-
A19.5.3.11.2.3. Test Switch								-	-	-
A19.5.3.11.2.4. Microphone								-	-	-
A19.5.3.11.3. Fault isolation								-	-	-
A19.5.3.11.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.11.5. Perform Phase Inspection								-	-	-
A19.5.3.12. Underwater Locator Beacon (ULB) TR: 1C-130-(M)H-2-25JG-00-1, 1C-130(M)H-2-25FI-00-1, 1C-130(M)H-2-8 1C-130(M)H-2-13										
A19.5.3.12.1. Perform operational check								-	-	-
A19.5.3.12.2. Remove and install (R&I)										
A19.5.3.12.2.1. Underwater Locator Beacon								-	-	-
A19.5.3.12.2.2. Battery								-	-	-
A19.5.3.12.3. Fault isolation								-	-	-
A19.5.3.12.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.3.12.5. Perform Phase Inspection								-	-	-
A19.5.4. NAVIGATION SYSTEMS										
A19.5.4.1. AN/APX-100 Identification Friend or Foe (IFF) TR: 1C-130(M)H-2-34JG-50-8, 1C-130(M)H-2-34FI-50-8, 1C-130(M)H-2-8 and 1C-130(M)H-2-13										
A19.5.4.1.1. Perform operational check	*							-	-	-
A19.5.4.1.2. Remove and install (R&I)										
A19.5.4.1.2.1. WOW Override Panel								-	-	-
A19.5.4.1.2.2. Receiver/Transmitter								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.4.1.2.3. Receiver/Transmitter Mount								-	-	-	-
A19.5.4.1.2.4. Antennas								-	-	-	-
A19.5.4.1.2.5. Mode 4 Computer								-	-	-	-
A19.5.4.1.2.6. Mode 4 Computer Battery								-	-	-	-
A19.5.4.1.3. Fault isolation								-	-	-	-
A19.5.4.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.1.5. Perform Phase Inspection								-	-	-	-
A19.5.4.2. AN/ARN-147 VOR /ILS /MB TR: 1C-130(M)H-2-34JG-50-2, 1C-130(M)H-2-34FI-50-2, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.2.1. Perform operational check								-	-	-	-
A19.5.4.2.2. Remove and install (R&I)											
A19.5.4.2.2.1. Receiver								-	-	-	-
A19.5.4.2.2.2. Backup Control Box								-	-	-	-
A91.5.4.2.2.3. VOR Antenna								-	-	-	-
A19.5.4.2.2.4. GS Antenna								-	-	-	-
A19.5.4.2.2.5. MB Antenna								-	-	-	-
A19.5.4.2.2.6. MB Panel								-	-	-	-
A19.5.4.2.3. Fault isolation								-	-	-	-
A19.5.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.2.5. Perform Phase Inspection								-	-	-	-
A19.5.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130(M)H-2-34JG-50-1, 1C-130(M)H-2-34FI-50-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.3.1. Perform operational check								-	-	-	-
A19.5.4.3.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.4.3.2.1. Receiver/Transmitter								-	-	-	-
A19.5.4.3.2.2. Mount								-	-	-	-
A19.5.4.3.2.3. Antenna								-	-	-	-
A19.5.4.3.3. Fault isolation								-	-	-	-
A19.5.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.3.5. Perform Phase Inspection								-	-	-	-
A19.5.4.4. Inertial Navigation System (INS) TR: 1C-130(M)H-2-34JG-40-1, 1C-130(M)H-2-34FI-40-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.4.1. Perform operational check								-	-	-	-
A19.5.4.4.2. Remove and install (R&I)											
A19.5.4.4.2.1. INU								-	-	-	-
A19.5.4.4.2.2. INU Mount								-	-	-	-
A19.5.4.4.2.3. INU Battery								-	-	-	-
A19.5.4.4.2.4. INU Fan								-	-	-	-
A19.5.4.4.3. Fault isolation								-	-	-	-
A19.5.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.4.5. Perform Phase Inspection								-	-	-	-
A19.5.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(M)H-2-34JG-50-6, 1C-130(M)H-2-34FI-50-6, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.4.5.1. Perform operational checks	*							-	-	-	-
A19.5.4.5.2. Remove and install (R&I)											
A19.5.4.5.2.1. Receiver								-	-	-	-
A19.5.4.5.2.2. Receiver Mount								-	-	-	-
A19.5.4.5.2.3. Control Display Unit (CDU)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.4.5.2.4. Antenna								-	-	-	-
A19.5.4.5.2.5. Antenna Controller								-	-	-	-
A19.5.4.5.2.6. Remote Fill Port Panel								-	-	-	-
A19.5.4.5.3. Fault isolation								-	-	-	-
A19.5.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.5.5. Perform Phase Inspection								-	-	-	-
A19.5.4.6. DF-206A Low Frequency Automatic Direction Finder System TR: 1C-130(M)H-2-34JG-50-4, 1C-130(M)H-2-34FI-50-4, 1C-130(M)H-5-8 and 1C-130(M)H-2-13											
A19.5.4.6.1. Perform operational check								-	-	-	-
A19.5.4.6.2. Remove and install (R&I)											
A19.5.4.6.2.1. Receiver								-	-	-	-
A19.5.4.6.2.2. Mount								-	-	-	-
A19.5.4.6.2.3. Loop Antenna								-	-	-	-
A19.5.4.6.2.4. Sense Antenna								-	-	-	-
A19.5.4.6.3. Fault isolation								-	-	-	-
A19.5.4.6.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.4.6.5. Perform Phase Inspection								-	-	-	-
A19.5.4.7. OA-6897 UHF/VHF Automatic Direction Finder TR: 1C-130(M)H-2-34JG-50-4, 1C-130(M)H-2-34FI-50-4, 1C-130(M)H-2-8 and 1C-130(M) H-2-13											
A19.5.4.7.1. Perform operational check								-	-	-	-
A19.5.4.7.2. Remove and install (R&I)											
A19.5.4.7.2.1. Antenna/Receiver								-	-	-	-
A19.5.4.7.2.2. UHF-VHF RF Switch								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.5.4.7.3. Fault isolation								-	-	-
A19.5.4.7.4. Aircraft Avionic Systems Integration								-	-	-
A19.5.4.7.5. Perform Phase Inspection								-	-	-
A19.5.5. RADAR SYSTEMS										
A19.5.5.1. AN/APQ-170 Radar System TR: 1C-130(M)H-2-34JG-40-4-1, 40-4-2, 1C-130(M)H-2-34FI-40-4-1, 1C- 130(M)H-2-8 and 1C-130(M)H-2-13										
A19.5.5.1.1. Perform operational check								-	-	-
A19.5.5.1.2. Remove and install (R&I)										
A19.5.5.1.2.1. X-Band Signal Data Converter (SDC)								-	-	-
A19.5.5.1.2.2. X-Band SDC Mount								-	-	-
A19.5.5.1.2.3. Ku-Band Signal Data Converter (SDC)								-	-	-
A19.5.5.1.2.4. Ku-Band SDC Mount								-	-	-
A19.5.5.1.2.5. WOW Override Switch Panel								-	-	-
A19.5.5.1.2.6. Signal Processor Computer (SPC)								-	-	-
A19.5.5.1.2.7. SPC Mount								-	-	-
A19.5.5.1.2.8. RADAR/IDS Maintenance Switch Panel								-	-	-
A19.5.5.1.2.9. X-Band Antenna								-	-	-
A19.5.5.1.2.10. X-Band Receiver/Transmitter								-	-	-
A19.5.5.1.2.11. Power Supply								-	-	-
A19.5.5.1.2.12. Power Supply Mount								-	-	-
A19.5.5.1.2.13. Ku-Band Receiver/Transmitter								-	-	-
A19.5.5.1.2.14. Ku-Band Antenna								-	-	-
A19.5.5.1.2.15. Radar Waveguides								-	-	-
A19.5.5.1.2.16. X-Band Dummy Load								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.5.1.2.17. Ku-Band Dummy Load								-	-	-	-
A19.5.5.1.2.18. X-Band Receiver/Transmitter Desiccators								-	-	-	-
A19.5.5.1.2.19. Ku-Band Receiver/Transmitter Desiccators								-	-	-	-
A19.5.5.1.3. Perform Boresight								-	-	-	-
A19.5.5.1.4. Use Radar Maintenance Crane											
A19.5.5.1.4.1. Set Up Radar Maintenance Crane								-	-	-	-
A19.5.5.1.4.2. Breakdown Radar Maintenance Crane								-	-	-	-
A19.5.5.1.4.3. Inspect Radar Maintenance Crane								-	-	-	-
A19.5.5.1.5. Fault isolation								-	-	-	-
A19.5.5.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.1.7. Perform Phase Inspection								-	-	-	-
A19.5.5.2. Waveguide Pressurization TR: 1C-130(M)H-2-34JG-40-4-1, 40-4-2, 1C-130(M)H-2-34FI-40-4-1, 1C- 130(M)H-2-8 and (1C-130(M)H-2-13											
A19.5.5.2.1. Perform operational check								-	-	-	-
A19.5.5.2.2. Remove and install (R&I)											
A19.5.5.2.2.1. Pressure Control Panel								-	-	-	-
A19.5.5.2.2.2. Air Compressor								-	-	-	-
A19.5.5.2.2.3. Pressure Switch No. 1								-	-	-	-
A19.5.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.5.5.2.2.5. Main Control Panel								-	-	-	-
A19.5.5.2.2.6. Pressure Switch No. 2								-	-	-	-
A19.5.5.2.2.7. Pressure Switch No. 3								-	-	-	-
A19.5.5.2.2.8. Pressure Tank								-	-	-	-
A19.5.5.2.2.9. Solenoid Bleed Valves								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.5.2.2.10. Shutoff Valves								-	-	-	-
A19.5.5.2.3. Fault isolation								-	-	-	-
A19.5.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.2.5. Perform Phase Inspection								-	-	-	-
A19.5.5.3. AN/APN-232 Combined Altitude Radar Altimeter (CARA) TR: 1C-130(M)H-2-34JG-40-5, 1C-130(M)H-2-34FI-40-5, 1C-130(M)H-2-8 and (1C-130(M)H-2-13											
A19.5.5.3.1. Perform operational check	*							-	-	-	-
A19.5.5.3.2. Remove and install (R&I)											
A19.5.5.3.2.1. Receiver/Transmitter								-	-	-	-
A19.5.5.3.2.2. Indicator								-	-	-	-
A19.5.5.3.2.3. Antennas								-	-	-	-
A19.5.5.3.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.5.5.3.3. Adjust Altitude								-	-	-	-
A19.5.5.3.4. Fault isolation								-	-	-	-
A19.5.5.3.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.3.6. Perform Phase Inspection								-	-	-	-
A19.5.5.4. CN-1605A Interference Blanking Unit TR: 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.5.4.1. Perform operational checks								-	-	-	-
A19.5.5.4.2. Remove and install (R&I) IBU								-	-	-	-
A19.5.5.4.3. Fault isolation								-	-	-	-
A19.5.5.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.5.4.5. Perform Phase Inspection								-	-	-	-
A19.5.6. MISSION SYSTEMS											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.5.6.1. AN/AAQ-15/-17A Infrared Detecting Set TR: 1C-130(H)M-2-93JG-00-1, 1C-130(H)M-2-93FI-00-1, 1C-130(M)H-2-8 and 1C-130(M)H-2-13											
A19.5.6.1.1. Perform operational check	*							-	-	-	-
A19.5.6.1.2. Remove and install (R&I)											
A19.5.6.1.2.1. Control Converter								-	-	-	-
A19.5.6.1.2.2. Receiver								-	-	-	-
A19.5.6.1.2.3. Close out Panel								-	-	-	-
A19.5.6.1.2.4. Video Splitter								-	-	-	-
A19.5.6.1.2.5. Radar IDS Maintenance Switch								-	-	-	-
A19.5.6.1.3. Perform Boresight								-	-	-	-
A19.5.6.1.4. Perform Set Defaults								-	-	-	-
A19.5.6.1.5. Perform Window Cleaning											
A19.5.6.1.6. Fault isolation								-	-	-	-
A19.5.6.1.7. Aircraft Avionic Systems Integration								-	-	-	-
A19.5.6.1.8. Perform Phase Inspection								-	-	-	-
A19.5.6.2. Airborne Video Cassette Recorder System (AVCRS) TR: 1C-130(M)H-2-93JG-00-1, 1C-130(M)H-2-93FI-00-1, 1C-130(M)H-2-93GS-00-1 and 1C-130(M)H-2-13											
A19.5.6.2.1. Perform operational check								-	-	-	-
A19.5.6.2.2. Remove and install (R&I)											
A19.5.6.2.2.1. Video Cassette Recorder								-	-	-	-
A19.5.6.2.2.2. Video Distribution Unit								-	-	-	-
A19.5.6.2.2.3. Control Panel								-	-	-	-
A19.5.6.2.2.4. Source Select Panel								-	-	-	-
A19.5.6.2.2.5. Scan Converter								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.5.6.2.2.6. Audio Select Panel								-	-	-
A19.5.6.2.3. Clean VCR								-	-	-
A19.5.6.2.4. Fault isolation								-	-	-
A19.5.6.2.5. Aircraft Avionics Systems Integration								-	-	-
A19.5.6.2.6. Perform Phase Inspection								-	-	-
A19.5.7. MISCELLANEOUS										
A19.5.7.1. Indicators and Displays TR: Applicable Job Guides										
A19.5.7.1.1. Remove and install (R&I)										
A19.5.7.1.1.1. Horizontal Situation Indicator								-	-	-
A19.5.7.1.1.2. Attitude Direction Indicator								-	-	-
A19.5.7.1.1.3. Bearing Direction Heading Indicator								-	-	-
A19.5.7.1.1.4. Radio Magnetic Indicator								-	-	-
A19.5.7.1.1.5. Video Display Terminal (VDT)								-	-	-
A19.5.7.1.1.6. Altimeter-Encoder								-	-	-
A19.6. MC-130P ON-EQUIPMENT MAINTENANCE										
A19.6.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.6.1.1. Aircraft Familiarization								-	-	-
A19.6.1.2. Major Structure Areas								-	-	-
A19.6.1.3. Major Systems								-	-	-
A19.6.2. GENERAL MAINTENANCE TASKS										
A19.6.2.1. Technical order familiarization								-	-	-
A19.6.2.2. Flightline safety/precautions/security	*							-	-	-
A19.6.2.3. Introduction to aircraft/airframe familiarization								-	-	-
A19.6.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.2.5. Inspection/operation portable external electrical power unit								-	-	-
A19.6.2.6. Inspect/use ground maintenance stands								-	-	-
A19.6.2.7. Dropped object prevention program (DOPP)								-	-	-
A19.6.2.8. Statically ground aircraft								-	-	-
A19.6.2.9. Apply/disconnect external electrical power unit	*							-	-	-
A19.6.2.10. Perform aircraft wash								-	-	-
A19.6.2.11. Perform refuel/defuel team member duties										
A19.6.2.11.1. Refuel/Defuel Supervisor								-	-	-
A19.6.2.11.2. SPR Panel Operator								-	-	-
A19.6.2.11.3. Flight deck fuel panel operator								-	-	-
A19.6.2.12. Open and close engine cowling								-	-	-
A19.6.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-
A19.6.2.14. Open and Close Nose Radome								-	-	-
A19.6.2.15. Open and Close Nose Wheel Door								-	-	-
A19.6.2.16. Perform aircraft marshaling procedures								-	-	-
A19.6.2.17. Perform aircraft towing team member duties										
A19.6.2.17.1. Wing/tail walker duties								-	-	-
A19.6.2.17.2. Brake Operator								-	-	-
A19.6.2.18. Perform aircraft jacking team member duties										
A19.6.2.18.1. Jacking supervisor								-	-	-
A19.6.2.18.2. Jacking team member								-	-	-
A19.6.2.19. Operate aircraft GTC								-	-	-
A19.6.3. COMMUNICATIONS SYSTEMS										

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.6.3.1. AN/AIC-18/AIC-25 Interphone TR: 1C-130H-2-23JG-40-1, 1C-130H-2-23FI-40-1-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.1.1. Perform operational check								-	-	-	-
A19.6.3.1.2. Remove and install (R&I)											
A19.6.3.1.2.1. INTER/INPH Control Panel								-	-	-	-
A19.6.3.1.2.2. Monitor Panel								-	-	-	-
A19.6.3.1.2.3. Auxiliary ICS Control Panel								-	-	-	-
A19.6.3.1.2.4. Master Volume control Panel								-	-	-	-
A19.6.3.1.2.5. Missile Warning Audio Monitor Panel								-	-	-	-
A19.6.3.1.2.6. AUX Radio Select Panel								-	-	-	-
A19.6.3.1.2.7. INTER/MIC Control Switch								-	-	-	-
A19.6.3.1.2.8. Foot Switch								-	-	-	-
A19.6.3.1.2.9. Communication Cord								-	-	-	-
A19.6.3.1.3. Fault isolation								-	-	-	-
A19.6.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.1.5. Perform Phase Inspection								-	-	-	-
A19.6.3.2. AN/ARC-190 HF Communications TR: 1C-130H-2-34JG-10-1, 1C-130H-2-23FI-10-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.2.1. Perform operational check	*							-	-	-	-
A19.6.3.2.2. Remove and install (R&I)											
A19.6.3.2.2.1. Receiver/Transmitter								-	-	-	-
A19.6.3.2.2.2. Mount								-	-	-	-
A19.6.3.2.2.3. Automatic Control Processor								-	-	-	-
A19.6.3.2.2.4. Antenna Coupler								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E				
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.6.3.2.2.5. Antenna Mast/Lighting Arrestor								-	-	-	-
A19.6.3.2.2.6. External Wire Antenna								-	-	-	-
A19.6.3.2.3. Fault isolation								-	-	-	-
A19.6.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.2.5. Perform Phase Inspection								-	-	-	-
A19.6.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1C-130H-2-23JG-10-2, 1C-130H-2-23FI-2-10, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.3.1. Perform operational check	*							-	-	-	-
A19.6.3.3.2. Remove and install (R&I)											
A19.6.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-	-
A19.6.3.3.2.2. COMSEC Module (KYV-5)								-	-	-	-
A19.6.3.3.2.3. ANDVT Fill Battery								-	-	-	-
A19.6.3.3.2.4. Split Remove Control Unit (SRCU)								-	-	-	-
A19.6.3.3.3. Fault isolation								-	-	-	-
A19.6.3.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.3.5. Perform Phase Inspection								-	-	-	-
A19.6.3.4. AN/ARC-513 VHF-FM Communications TR: 1C-130H-2-23JG-20-1, 1C-130H-2-23FI-20-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.4.1. Perform operational check								-	-	-	-
A19.6.3.4.2. Remove and install (R&I)											
A19.6.3.4.2.1. Receiver/Transmitter								-	-	-	-
A19.6.3.4.2.2. Antenna								-	-	-	-
A19.6.3.4.2.3. Control Panel								-	-	-	-
A19.6.3.4.3. Fault isolation								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.3.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.4.5. Perform Phase Inspection								-	-	-
A19.6.3.5. AN/ARC-186 VHF Communications TR: 1C-130-2.23JG-20-1, 1C-130H-2-23FI-20-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.3.5.1. Perform operational check								-	-	-
A19.6.3.5.2. Remove and install (R&I)										
A19.6.3.5.2.1. Receiver/Transmitter								-	-	-
A19.6.3.5.2.2. Antenna								-	-	-
A19.6.3.5.2.3. Signal Data Comparator (SDC)								-	-	-
A19.6.3.5.2.4. Homing Indicator								-	-	-
A19.6.3.5.2.5. Homing Antenna								-	-	-
A19.6.3.5.3. Fault isolation								-	-	-
A19.6.3.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.5.5. Perform Phase Inspection								-	-	-
A19.6.3.6. AN/ARC-222 VHF Communications TR: 1C-130H-2-23JG-20-1, 1CL-130H-2-23FI-20-1, 1C-130(H)H-2-11 and 1C-130(H)-2-13										
A19.6.3.6.1. Perform operational check								-	-	-
A19.6.3.6.2. Remove and install (R&I)										
A19.6.3.6.2.1. Receiver/Transmitter								-	-	-
A19.6.3.6.2.2. Antenna								-	-	-
A19.6.3.6.2.3. Logic Control Unit (LCU)								-	-	-
A19.6.3.6.2.4. Radio Control Set (RCS)								-	-	-
A19.6.3.6.2.5. Signal Data Comparator (SDC)								-	-	-
A19.6.3.6.3. Fault isolation								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.3.6.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.6.5. Perform Phase Inspection								-	-	-
A19.6.3.7. AN/ARC-164 UHF Communications TR: 1C-130H-2-23JG-20-1, 1C-130H-2-23FI-20-1, 1C-130(H)-2-11 and 1C-130(H)H-2-13										
A19.6.3.7.1. Perform operational check	*							-	-	-
A19.6.3.7.2. Remove and install (R&I)										
A19.6.3.7.2.1. Receiver/Transmitter								-	-	-
A19.6.3.7.2.2. Antenna								-	-	-
A19.6.3.7.2.3. Control Panel								-	-	-
A19.6.3.7.2.4. Antenna Coax Switch								-	-	-
A19.6.3.7.2.5. Antenna Selector Panel								-	-	-
A19.6.3.7.3. Fault isolation								-	-	-
A19.6.3.7.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.7.5. Perform Phase Inspections								-	-	-
A19.6.3.8. TSEC/KY-58 UHF/VHF Secure Speech TR: 1C-130H-2-23JG-20-2, 1C-130H-2-23FI-20-2, 1CL-130(H)-2-11 and 1C-130(H)H-2-13										
A19.6.3.8.1. Perform operational check	*							-	-	-
A19.6.3.8.2. Remove and install (R&I)										
A19.6.3.8.2.1. Processor								-	-	-
A19.6.3.8.2.2. Adapter Interface								-	-	-
A19.6.3.8.2.3. Processor Battery								-	-	-
A19.6.3.8.2.4. Remote Control Unit (RCU)								-	-	-
A19.6.3.8.3. Fault isolation								-	-	-
A19.6.3.8.4. Aircraft Avionic Systems Integration								-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.3.8.5. Perform Phase Inspection								-	-	-
A19.6.3.9. TSEC/KY-100 UHF/VHF Secure Speech TR: 1C-130H-2-23JG-20-2, 1C-130H-2-23FI-20-2, 1CL-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.3.9.1. Perform operational check	*							-	-	-
A19.6.3.9.2. Remove and install (R&I)										
A19.6.3.9.2.1. Processor								-	-	-
A19.6.3.9.2.2. Processor Battery								-	-	-
A19.6.3.9.2.3. Remote Control Unit (RCU)								-	-	-
A19.6.3.9.3. Fault isolation								-	-	-
A19.6.3.9.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.9.5. Perform Phase Inspection								-	-	-
A19.6.3.10. URC-133 Satellite Communications Terminal (DAMA) TR: 1C-130(H)-2-11 and 1C-130(H)H-2-13										
A19.6.3.10.1. Perform operational check	*							-	-	-
A19.6.3.10.2. Remove and install (R&I)										
A19.6.3.10.2.1. URC-133 Unit								-	-	-
A19.6.3.10.2.2. Receiver/Transmitter								-	-	-
A19.6.3.10.2.3. Receiver/Transmitter Mount								-	-	-
A19.6.3.10.2.4. Antenna								-	-	-
A19.6.3.10.2.5. Preamplifier								-	-	-
A19.6.3.10.2.6. Radio Set Controller (RSC)								-	-	-
A19.6.3.10.2.7. Interface Unit								-	-	-
A19.6.3.10.2.8. DAMA MODEM								-	-	-
A19.6.3.10.2.9. Modem Mount								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.6.3.10.2.10. Modem Control Indicator								-	-	-	-
A19.6.3.10.2.11. VDC-300 Data Controller								-	-	-	-
A19.6.3.10.3. Operate											
A19.6.3.10.3.1. Auxiliary Panel								-	-	-	-
A19.6.3.10.3.2. Data I/O Device (Laptop)								-	-	-	-
A19.6.3.10.4. Fault isolation								-	-	-	-
A19.6.3.10.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.10.6. Perform Phase Inspection								-	-	-	-
A19.6.3.11. AN/AIC-13 Public Address System TR: 1C-130H-2-23JG-30-1, 1C-130H-2-23FI-30-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.3.11.1. Perform operational check								-	-	-	-
A19.6.3.11.2. Remove and install (R&I)											
A19.6.3.11.2.1. Main Control Panel								-	-	-	-
A19.6.3.11.2.2. System Amplifier								-	-	-	-
A19.6.3.11.2.3. System Loudspeaker								-	-	-	-
A19.6.3.11.2.4. Hand-Held Microphone								-	-	-	-
A19.6.3.11.3. Fault isolation								-	-	-	-
A19.6.3.11.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.11.5. Perform Phase Inspection								-	-	-	-
A19.6.3.12. Emergency Locator Transmitter (ELT) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1, 1C-130(H)H-2-11, and 1C-130(H)H-2-13											
A19.6.3.12.1. Perform operational checks								-	-	-	-
A19.6.3.12.2. Remove and install (R&I)											
A19.6.3.12.2.1. Transmitter								-	-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.3.12.2. Control Panel								-	-	-
A19.6.3.12.2.3. Antenna								-	-	-
A19.6.3.12.2.4. Battery Pack								-	-	-
A19.6.3.12.3. Fault isolation								-	-	-
A19.6.3.12.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.12.5. Perform Phase Inspection								-	-	-
A19.6.3.13. Underwater Acoustical Beacon (UAB) TR: 1C-130H-2-25JG-00-1, 1C-130H-2-25FI-00-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.3.13.1. Perform operational check								-	-	-
A19.6.3.13.2. Remove and install (R&I)										
A19.6.3.13.2.1. Underwater Locator Beacon								-	-	-
A19.6.3.13.2.2. Battery								-	-	-
A19.6.3.13.3. Fault isolation								-	-	-
A19.6.3.13.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.3.13.5. Perform Phase Inspection								-	-	-
A19.6.3.14. Model A100 Flight Voice Recorder TR: 1C-130H-2-31JG-30-1-1, 1CL-130H-2-31FI-00-1, 1CL-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.3.14.1. Perform operational check								-	-	-
A19.6.3.14.2. Remove and install (R&I)										
A19.6.3.14.2.1. Voice Recorder								-	-	-
A19.6.3.14.2.2. Control Unit								-	-	-
A19.6.3.14.2.3. Test Switch								-	-	-
A19.6.3.14.2.4. Microphone								-	-	-
A19.6.3.14.3. Fault isolation								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.6.3.14.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.3.14.5. Perform Phase Inspection								-	-	-	-
A19.6.4. NAVIGATION SYSTEMS											
A19.6.4.1. Self-Contained Navigation System (SCNS) TR: 1C-130H-2-34JG-40-1, 1C-130H-2-34FI-40-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.4.1.1. Perform operational check	*							-	-	-	-
A19.6.4.1.2. Remove and install (R&I)											
A19.6.4.1.2.1. BICU								-	-	-	-
A19.6.4.1.2.2. IDCU								-	-	-	-
A19.6.4.1.2.3. SCNS Control Panel								-	-	-	-
A19.6.4.1.2.4. Interface Receptacle Unit								-	-	-	-
A19.6.4.1.2.5. DVS								-	-	-	-
A19.6.4.1.2.6. Dehydrator								-	-	-	-
A19.6.4.1.2.7. INU								-	-	-	-
A19.6.4.1.2.8. INU Mount								-	-	-	-
A19.6.4.1.2.9. INU Battery Unit								-	-	-	-
A19.6.4.1.2.10. INU Fan/Filter Unit								-	-	-	-
A19.6.4.1.2.11. SCNS Relay								-	-	-	-
A19.6.4.1.2.12. Data Bus Coupler								-	-	-	-
A19.6.4.1.3. Fault isolation								-	-	-	-
A19.6.4.1.4. Aircraft Avionic Systems integration								-	-	-	-
A19.6.4.1.5. Perform Phase Inspection								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.6.4.2. AN/APX-64 Identification Friend or Foe (IFF) TR: 1C-130H-2-34JG-40-3, 1C-130H-2-34FI-40-4, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.4.2.1. Perform operational check	*							-	-	-	-
A19.6.4.2.2. Remove and install (R&I)											
A19.6.4.2.2.1. Control Panel								-	-	-	-
A19.6.4.2.2.2. Receiver/Transmitter								-	-	-	-
A19.6.4.2.2.3. Antennas								-	-	-	-
A19.6.4.2.2.4. Mode 4 Computer								-	-	-	-
A19.6.4.2.2.5. Mode 4 Computer Battery								-	-	-	-
A19.6.4.2.2.6. Ant Switch and Caution Light Panel								-	-	-	-
A19.6.4.2.2.7. Antenna Switching Unit								-	-	-	-
A19.6.4.2.2.8. Transponder Test Set								-	-	-	-
A19.6.4.2.3. Fault isolation								-	-	-	-
A19.6.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.4.2.5. Perform Phase Inspection								-	-	-	-
A19.6.4.3. AN/ARN-147 VOR/ILS/MB TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI-50-2, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.4.3.1. Perform operational check								-	-	-	-
A19.6.4.3.2. Remove and install (R&I)											
A19.6.4.3.2.1. Receiver								-	-	-	-
A19.6.4.3.2.2. VOR Antenna								-	-	-	-
A19.6.4.3.2.3. GS Antenna								-	-	-	-
A19.6.4.3.2.4. MB Antenna								-	-	-	-
A19.6.4.3.2.5. MB Panel								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.4.3.3. Fault isolation								-	-	-
A19.6.4.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.4.3.5. Perform Phase Inspection								-	-	-
A19.6.4.4. AN/ARN-152 Microwave Landing System TR: 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.4.4.1. Perform operational check								-	-	-
A19.6.4.4.2. Remove and install (R&I)										
A19.6.4.4.2.1. Receiver								-	-	-
A19.6.4.4.2.2. Antenna								-	-	-
A19.6.4.4.2.3. Splitters								-	-	-
A19.6.4.4.2.4. Data Bus Coupler								-	-	-
A19.6.4.4.3. Fault isolation								-	-	-
A19.6.4.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.4.4.5. Perform Phase Inspection								-	-	-
A19.6.4.5. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1C-130H-2-34JG-50-1, 1C-130-2-34FI-50-1, 1CL-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.4.5.1. Perform operational check								-	-	-
A19.6.4.5.2. Remove and install (R&I)										
A19.6.4.5.2.1. Receiver/Transmitter								-	-	-
A19.6.4.5.2.2. Mount								-	-	-
A19.6.4.5.2.3. D/A Converter (MX Adapter)								-	-	-
A19.6.4.5.2.4. Coupler								-	-	-
A19.6.4.5.2.5. Antennas								-	-	-
A19.6.4.5.3. Fault isolation								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.4.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.4.5.5. Perform Phase Inspection								-	-	-
A19.6.4.6. AN/ARN-151 Global Positioning System (GPS) TR: 1C-130(H)H-2-34JG-50-2, 1C-130(H)H-2-34FI-50-5, 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.4.6.1. Perform operational check	*							-	-	-
A19.6.4.6.2. Remove and install (R&I)										
A19.6.4.6.2.1. Receiver								-	-	-
A19.6.4.6.2.2. Receiver Mount								-	-	-
A19.6.4.6.2.3. Antenna								-	-	-
A19.6.4.6.2.4. Antenna Controller								-	-	-
A19.6.4.6.2.5. Fill Panel								-	-	-
A19.6.4.6.2.6. Battery								-	-	-
A19.6.4.6.2.7. Control Crypto Interface Unit								-	-	-
A19.6.4.6.3. Fault isolation								-	-	-
A19.6.4.6.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.4.6.5. Perform Phase Inspection								-	-	-
A19.6.4.7. DFA-730 Automatic Direction Finder TR: 1C-130H-2-34JG-50-1, 1C-130H-2-34FI-50-1, 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.4.7.1. Perform operational check								-	-	-
A19.6.4.7.2. Remove and install (R&I)										
A19.6.4.7.2.1. Receiver								-	-	-
A19.6.4.7.2.2. Control Panel								-	-	-
A19.6.4.7.2.3. Loop Antenna								-	-	-
A19.6.4.7.2.4. Sense Antenna								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.4.7.3. Fault isolation								-	-	-
A19.6.4.7.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.4.7.5. Perform Phase Inspection								-	-	-
A19.6.4.8. AN/ARA-25/50 UHF/VHF Direction Finder TR: 1C-130H-2-34JG-50-3, 1C-130H-2-34FI-50-4, 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.4.8.1. Perform operational checks								-	-	-
A19.6.4.8.2. Remove and install (R&I)										
A19.6.4.8.2.1. Power Supply								-	-	-
A19.6.4.8.2.2. Amplifier (Preamp)								-	-	-
A19.6.4.8.2.3. Antenna								-	-	-
A19.6.4.8.3. Fault isolation								-	-	-
A19.6.4.8.4. Aircraft Avionic Systems Integration								-	-	-
A19.6.4.8.5. Perform Phase Inspection								-	-	-
A19.6.5. RADAR SYSTEMS										
A19.6.5.1. AN/APN-59 Radar TR: 1C-130H-2-34JG-40-2-1, 1C-130H-2-34FI-40-2, 1C-130(H)H-2-11 and 1C-130(H)H-2-13										
A19.6.5.1.1. Perform operational check								-	-	-
A19.6.5.1.2. Remove and install (R&I)										
A19.6.5.1.2.1. Radar Set Control								-	-	-
A19.6.5.1.2.2. Video Control Panel								-	-	-
A19.6.5.1.2.3. Video Select Panel								-	-	-
A19.6.5.1.2.4. ECA								-	-	-
A19.6.5.1.2.5. Digital Scan Converter (DSC)								-	-	-
A19.6.5.1.2.6. Pilot Display								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.6.5.1.2.7. Nav Monitor								-	-	-	-
A19.6.5.1.2.8. Glare Shield Monitor								-	-	-	-
A19.6.5.1.2.9. Stab Unit (Gyro)								-	-	-	-
A19.6.5.1.2.10. Receiver/Transmitter								-	-	-	-
A19.6.5.1.2.11. Antenna								-	-	-	-
A19.6.5.1.2.12. Fan								-	-	-	-
A19.6.5.1.3. Fault isolation								-	-	-	-
A19.6.5.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.5.1.5. Perform Phase Inspection								-	-	-	-
A19.6.5.2. AN/ASQ-14 Waveguide Pressurization TR: 1C-130H-2-34JG-40-2-1, 1C-130H-2-34FI-40-2, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.5.2.1. Perform operational check								-	-	-	-
A19.6.5.2.2. Remove and install (R&I)											
A19.6.5.2.2.1. Air Compressor								-	-	-	-
A19.6.5.2.2.2. Pressure Switch								-	-	-	-
A19.6.5.2.2.3. Control Panel								-	-	-	-
A19.6.5.2.2.4. Dehydrator/Desiccant								-	-	-	-
A19.6.5.2.3. Fault isolation								-	-	-	-
A19.6.5.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.5.2.5. Perform Phase Inspection								-	-	-	-
A19.6.5.3. AN/APN-232 Combined Altitude Radar Altimeter (CARA) TR: 1C-130H-2-34JG-40-5, 1C-130H-2-34FI-40-6, 1C-130(H)H-2-11 and 1C-130(H)H-2-13											
A19.6.5.3.1. Perform operational check	*							-	-	-	-
A19.6.5.3.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.6.5.3.2.1. Receiver/Transmitter								-	-	-	-
A19.6.5.3.2.2. Indicator								-	-	-	-
A19.6.5.3.2.3. Antenna								-	-	-	-
A19.6.5.3.2.4. Signal Data Converter (SDC)								-	-	-	-
A19.6.5.3.3. Adjust Altitude								-	-	-	-
A19.6.5.3.4. Fault isolation								-	-	-	-
A19.6.5.3.5. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.5.3.6. Perform Phase Inspection								-	-	-	-
A19.6.6. MISSION SYSTEMS											
A19.6.6.1. AN/AAQ-17 Infrared Detecting Set TR: 1C-130(M)P-2-93JG-00-1, 1C-130(M)P-2-93FI-00-1, 1C-130(H)H-2-11 and 1C-130(H) -2-13	*										
A19.6.6.1.1. Perform operational check	*							-	-	-	-
A19.6.6.1.2. Remove and install (R&I)											
A19.6.6.1.2.1. Infrared Receiver								-	-	-	-
A19.6.6.1.2.2. Control Converter								-	-	-	-
A19.6.6.1.2.3. IR Set Control								-	-	-	-
A19.6.6.1.2.4. Gimbal Position Control Unit								-	-	-	-
A19.6.6.1.2.5. Close Out Panel								-	-	-	-
A19.6.6.1.3. Load Boresight Values								-	-	-	-
A19.6.6.1.4. Perform Set Defaults								-	-	-	-
A19.6.6.1.5. Fault isolation								-	-	-	-
A19.6.6.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.6.6.1.7. Perform Phase Inspection								-	-	-	-
A19.6.7. MISCELLANEOUS											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.6.7.1. Remove and install (R&I) TR: Applicable Job Guides										
A19.6.7.1.1. Horizontal Situation Indicator								-	-	-
A19.6.7.1.2. Attitude Direction Indicator								-	-	-
A19.6.7.1.3. Bearing Direction Heading Indicator								-	-	-
A19.6.7.1.4. Radio Magnetic Indicator								-	-	-
A19.6.7.1.5. Altimeter-Encoder								-	-	-
A19.6.7.1.6. Monitors								-	-	-
A19.7. MH-53J/M ON-EQUIPMENT MAINTENANCE										
A19.7.1. GENERAL ORGANIZATIONAL MAINTENANCE										
A19.7.1.1. Aircraft Familiarization								-	-	-
A19.7.1.2. Major Structure Areas								-	-	-
A19.7.1.3. Major Systems								-	-	-
A19.7.2. GENERAL MAINTENANCE TASKS										
A19.7.2.1. Technical order familiarization								-	-	-
A19.7.2.2. Flightline safety/precautions/security	*							-	-	-
A19.7.2.3. Introduction to aircraft/airframe familiarization								-	-	-
A19.7.2.4. Ensure Aircraft is safe for Maintenance	*							-	-	-
A19.7.2.5. Inspection/operation portable external electrical power unit								-	-	-
A19.7.2.6. Inspect/use ground maintenance stands								-	-	-
A19.7.2.7. Dropped object prevention program (DOPP)								-	-	-
A19.7.2.8. Statically ground aircraft								-	-	-
A19.7.2.9. Apply/disconnect external electrical power unit	*							-	-	-
A19.7.2.10. Perform aircraft wash								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.7.2.11. Perform refuel/defuel team member duties											
A19.7.2.11.1. Refuel/Defuel Supervisor								-	-	-	-
A19.7.2.11.2. SPR Panel Operator								-	-	-	-
A19.7.2.11.3. Flight deck Fuel Panel Operator								-	-	-	-
A19.7.2.12. Open and close engine cowling								-	-	-	-
A19.7.2.13. Remove and install (R&I) aircraft maintenance access panels								-	-	-	-
A19.7.2.14. Open and Close Nose Radome								-	-	-	-
A19.7.2.15. Perform aircraft marshaling procedures								-	-	-	-
A19.7.2.16. Perform aircraft towing team member duties											
A19.7.2.16.1. Wing/tail walker								-	-	-	-
A19.7.2.16.2. Brake Operator								-	-	-	-
A19.7.2.17. Perform aircraft jacking team member duties											
A19.7.2.17.1. Jacking supervisor								-	-	-	-
A19.7.2.17.2. Jacking team member								-	-	-	-
A19.7.2.18. Operate aircraft APP								-	-	-	-
A19.7.2.19. Blade Fold Member								-	-	-	-
A19.7.3. COMMUNICATIONS SYSTEMS											
A19.7.3.1. AN/AIC-33 Interphone TR: 1H-53(M)J-2-7											
A19.7.3.1.1. Perform operational check								-	-	-	-
A19.7.3.1.2. Remove and install (R&I)											
A19.7.3.1.2.1. Crew Station Unit (CSU)								-	-	-	-
A19.7.3.1.2.2. Maintenance Station Unit (MSU)								-	-	-	-
A19.7.3.1.2.3. Central Control Unit (CCU)								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.7.3.1.2.4. CCU Mount								-	-	-	-
A19.7.3.1.2.5. Auxiliary Audio Panel (AAP)								-	-	-	-
A19.7.3.1.2.6. Default Monitor Panel (DMP)								-	-	-	-
A19.7.3.1.2.7. ICS Auxiliary Backup Switch								-	-	-	-
A19.7.3.1.2.8. Matrix Control Panel (MCP)								-	-	-	-
A19.7.3.1.2.9. Switch Matrix Unit (SMU)								-	-	-	-
A19.7.3.1.2.10. Cipher Text Indicator Panel								-	-	-	-
A19.7.3.1.2.11. MIC/ICS Switch								-	-	-	-
A19.7.3.1.2.12. Communication Cord								-	-	-	-
A19.7.3.1.3. Fault isolation								-	-	-	-
A19.7.3.1.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.3.1.5. Perform Phase Inspection								-	-	-	-
A19.7.3.2. AN/ARC-190 HF Communications TR: 1H-53(M)J-2-7											
A19.7.3.2.1. Perform operational check	*							-	-	-	-
A19.7.3.2.2. Remove and install (R&I)											
A19.7.3.2.2.1. Receiver/Transmitter								-	-	-	-
A19.7.3.2.2.2. Mount								-	-	-	-
A19.7.3.2.2.3. Automatic control Processor								-	-	-	-
A19.7.3.2.2.4. Antenna Coupler								-	-	-	-
A19.7.3.2.2.5. Antenna Coupler Mount								-	-	-	-
A19.7.3.2.2.6. Radio Set Control								-	-	-	-
A19.7.3.2.2.7. External Wire Antenna and Mast								-	-	-	-
A19.7.3.2.3. Fault isolation								-	-	-	-
A19.7.3.2.4. Aircraft Avionic Systems Integration								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.3.2.5. Perform Phase Inspection								-	-	-
A19.7.3.3. Advanced Narrowband Digital Voice Terminal (ANDVT) TR: 1H-53(M)J-2-7										
A19.7.3.3.1. Perform operational check	*							-	-	-
A19.7.3.3.2. Remove and install (R&I)										
A19.7.3.3.2.1. Basic Terminal Unit (BTU)								-	-	-
A19.7.3.3.2.2. COMSEC Module (KYV-5)								-	-	-
A19.7.3.3.2.3. ANDVT Fill Battery								-	-	-
A19.7.3.3.2.4. Split Remove Control Unit (SRCU)								-	-	-
A19.7.3.3.3. Fault isolation								-	-	-
A19.7.3.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.3.5. Perform Phase Inspection								-	-	-
A19.7.3.4. AN/ARC-222 VHF Communications TR: 1H-53(M)J-2-7										
A19.7.3.4.1. Perform operational check								-	-	-
A19.7.3.4.2. Remove and install (R&I)										
A19.7.3.4.2.1. Receiver/Transmitter								-	-	-
A19.7.3.4.2.2. Receiver/Transmitter Mount								-	-	-
A19.7.3.4.2.3. Radio Set Control (RSC)								-	-	-
A19.7.3.4.2.4. Antenna								-	-	-
A19.7.3.4.2.5. Logic Control Unit (LCU)								-	-	-
A19.7.3.4.2.6. Low Pass Filter								-	-	-
A19.7.3.4.3. Fault isolation								-	-	-
A19.7.3.4.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.4.5. Perform Phase Inspection								-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.3.5. AN/ARC-164 UHF Communications TR 1H-53(M)J-2-7										
A19.7.3.5.1. Perform operational check	*							-	-	-
A19.7.3.5.2. Remove and install (R&I)										
A19.7.3.5.2.1. Receiver/Transmitter								-	-	-
A19.7.3.5.2.2. Antenna								-	-	-
A19.7.3.5.2.3. Control Panel								-	-	-
A19.7.3.5.2.4. Antenna Coax Switch								-	-	-
A19.7.3.5.3. Fault isolation								-	-	-
A19.7.3.5.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.5.5. Perform Phase Inspection								-	-	-
A19.7.3.6. TSEC/KY-58 UHF/VHF Secure Speech TR: 1H-53(M)J-2-7										
A19.7.3.6.1. Perform operational check	*							-	-	-
A19.7.3.6.2. Remove and install (R&I)										
A19.7.3.6.2.1. Processor								-	-	-
A19.7.3.6.2.2. Adapter Interface								-	-	-
A19.7.3.6.2.3. Processor Battery								-	-	-
A19.7.3.6.2.4. Remote Control Unit (RCU)								-	-	-
A19.7.3.6.3. Fault isolation								-	-	-
A19.7.3.6.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.6.5. Perform Phase Inspection								-	-	-
A19.7.3.7. TSEC/KY-100 UHF/VHF Secure Speech TR: 1H-53(M)J-2-7										
A19.7.3.7.1. Perform operational check	*							-	-	-
A19.7.3.7.2. Remove and install (R&I)										
A19.7.3.7.2.1. Processor								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.3.7.2.2. Processor Battery								-	-	-
A19.7.3.7.2.3. Remote Control Unit (RCU)								-	-	-
A19.7.3.7.3. Fault isolation								-	-	-
A19.7.3.7.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.7.5. Perform Phase Inspection								-	-	-
A19.7.3.8. AN/ARC-187 Satellite Communications (SATCOM) TR: 1H-53(M)J-2-7										
A19.7.3.8.1. Perform operational check	*							-	-	-
A19.7.3.8.2. Remove and install (R&I)										
A19.7.3.8.2.1. Receiver/Transmitter								-	-	-
A19.7.3.8.2.2. Receiver/Transmitter Mount								-	-	-
A19.7.3.8.2.3. Antenna								-	-	-
A19.7.3.8.2.4. Preamplifier								-	-	-
A19.7.3.8.2.5. Preamplifier Mount								-	-	-
A19.7.3.8.2.6. Radio Set Controller								-	-	-
A19.7.3.8.2.7. Interface Unit								-	-	-
A19.7.3.8.2.8. DAMA Modem								-	-	-
A19.7.3.8.2.9. Modem Mount								-	-	-
A19.7.3.8.2.10. Modem Control Indicator								-	-	-
A19.7.3.8.2.11. VDC-300 Data Controller								-	-	-
A19.7.3.8.2.12. Operator Auxiliary Panel								-	-	-
A19.7.3.8.2.13. Mode/Antenna Switch Panel								-	-	-
A19.7.3.8.2.14. Data I/O Device (Laptop)								-	-	-
A19.7.3.8.3. Fault isolation								-	-	-
A19.7.3.8.4. Aircraft Avionic Systems Integration								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.3.8.5. Perform Phase Inspection								-	-	-
A19.7.3.9. AN/AUIH-5 Cabin Address System TR: 1H-53(M)J-2-7										
A19.7.3.9.1. Perform operational check								-	-	-
A19.7.3.9.2. Remove and install (R&I)										
A19.7.3.9.2.1. Main Control Panel								-	-	-
A19.7.3.9.2.2. System Amplifier								-	-	-
A19.7.3.9.2.3. System Loudspeaker								-	-	-
A19.7.3.9.2.4. Hand-Held Microphone								-	-	-
A19.7.3.9.3. Fault isolation								-	-	-
A19.7.3.9.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.9.5. Perform Phase Inspection								-	-	-
A19.7.3.10. Voice Warning System TR: 1H-53(M)-2-7										
A19.7.3.10.1. Perform operational check								-	-	-
A19.7.3.10.2. Remove and install (R&I)										
A19.7.3.10.2.1. Voice Recorder								-	-	-
A19.7.3.10.2.2. Control Unit								-	-	-
A19.7.3.10.2.3. Test Switch								-	-	-
A19.7.3.10.2.4. Microphone								-	-	-
A19.7.3.10.3. Fault isolation								-	-	-
A19.7.3.10.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.10.5. Perform Phase Inspection								-	-	-
A19.7.3.11. Command and Control (C2) Console TR: 1H-53(M)J-2-7										
A19.7.3.11.1. Perform operational check								-	-	-
A19.7.3.11.2. Remove and install (R&I)										

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.3.11.2.1. Console								-	-	-
A19.7.3.11.2.2. Console Interface Panel								-	-	-
A19.7.3.11.2.3. SATCOM Antenna								-	-	-
A19.7.3.11.2.4. Preamplifier								-	-	-
A19.7.3.11.2.5. Antenna Switching Relay Assembly								-	-	-
A19.7.3.11.3. Fault isolation								-	-	-
A19.7.3.11.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.3.11.5. Perform Phase Inspections								-	-	-
A19.7.4. NAVIGATION SYSTEMS										
A19.7.4.1. AN/APX-64 Identification Friend or Foe (IFF) TR: 1H-53(M)J-2-7										
A19.7.4.1.1. Perform operational check	*							-	-	-
A19.7.4.1.2. Remove and install (R&I)										
A19.7.4.1.2.1. Control Panel								-	-	-
A19.7.4.1.2.2. Receiver/Transmitter								-	-	-
A19.7.4.1.2.3. Receiver/Transmitter Mount								-	-	-
A19.7.4.1.2.4. Antenna								-	-	-
A19.7.4.1.2.5. Mode 4 Computer								-	-	-
A19.7.4.1.2.6. Mode 4 Computer Battery								-	-	-
A19.7.4.1.2.7. Antenna Switch Select Panel								-	-	-
A19.7.4.1.2.8. Antenna Switching Unit								-	-	-
A19.7.4.1.2.9. Transponder Test Unit								-	-	-
A19.7.4.1.3. Fault isolation								-	-	-
A19.7.4.1.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.4.1.5. Perform Phase Inspection								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.7.4.2. AN/ARN-147 VOR /ILS /MB TR: 1H-53(M)J-2-7											
A19.7.4.2.1. Perform operational check								-	-	-	-
A19.7.4.2.2. Remove and install (R&I)											
A19.7.4.2.2.1. Receiver								-	-	-	-
A19.7.4.2.2.2. Control Box								-	-	-	-
A19.7.4.2.2.3. VOR/LOC Antenna								-	-	-	-
A19.7.4.2.2.4. GS Antenna								-	-	-	-
A19.7.4.2.2.5. MB Antenna								-	-	-	-
A19.7.4.2.2.6. Azimuth Switching Unit								-	-	-	-
A19.7.4.2.2.7. MB Light Assembly								-	-	-	-
A19.7.4.2.3. Fault isolation								-	-	-	-
A19.7.4.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.2.5. Perform Phase Inspection								-	-	-	-
A19.7.4.3. AN/ARN-118 Tactical Air Navigation (TACAN) TR: 1H-53(M)J-2-7											
A19.7.4.3.1. Perform operational check								-	-	-	-
A19.7.4.3.2. Remove and install (R&I)											
A19.7.4.3.2.1. Control Box								-	-	-	-
A19.7.4.3.2.2. Receiver/Transmitter								-	-	-	-
A19.7.4.3.2.3. Mount								-	-	-	-
A19.7.4.3.2.4. D/A Converter (MX Adapter)								-	-	-	-
A19.7.4.3.2.5. NAV Relay Unit								-	-	-	-
A19.7.4.3.2.6. HSI Switch								-	-	-	-
A19.7.4.3.2.7. Antennas								-	-	-	-
A19.7.4.3.3. Fault isolation								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E				
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.7.4.3.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.3.5. Perform Phase Inspection								-	-	-	-
A19.7.4.4. Inertial Navigation Unit TR: 1H-53(M)J-2-8											
A19.7.4.4.1. Perform operational check								-	-	-	-
A19.7.4.4.2. Remove and install (R&I)											
A19.7.4.4.2.1. INU								-	-	-	-
A19.7.4.4.2.2. INU Mount								-	-	-	-
A19.7.4.4.2.3. INU Battery								-	-	-	-
A19.7.4.4.2.4. INU Fan								-	-	-	-
A19.7.4.4.3. Fault isolation								-	-	-	-
A19.7.4.4.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.4.4.5. Perform Phase Inspection								-	-	-	-
A19.7.4.5. AN/ARN-151 Global Positioning System (GPS) TR: 1H-53(M)J-2-8											
A19.7.4.5.1. Perform operational check	*							-	-	-	-
A19.7.4.5.2. Remove and install (R&I)											
A19.7.4.5.2.1. Receiver								-	-	-	-
A19.7.4.5.2.2. Receiver Mount								-	-	-	-
A19.7.4.5.2.3. Control Display Unit (CDU)								-	-	-	-
A19.7.4.5.2.4. Antenna								-	-	-	-
A19.7.4.5.2.5. Antenna Controller								-	-	-	-
A19.7.4.5.2.6. Remote Fill Port Panel								-	-	-	-
A19.7.4.5.2.7. Battery								-	-	-	-
A19.7.4.5.3. Fault isolation								-	-	-	-
A19.7.4.5.4. Aircraft Avionic Systems Integration								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.4.5.5. Perform Phase Inspection								-	-	-
A19.7.4.6. AN/APN-221 Doppler Navigation System TR: 1H-53(M)J-2-8										
A19.7.4.6.1. Perform operational check								-	-	-
A19.7.4.6.2. Remove and install (R&I)										
A19.7.4.6.2.1. Control Display Unit (CDU)								-	-	-
A19.7.4.6.2.2. Signal Data Converter (SDC)								-	-	-
A19.7.4.6.2.3. Steering/Hover Indicator Unit (SHIU)								-	-	-
A19.7.4.6.2.4. Radar-Transmitter/Receiver (RTR)								-	-	-
A19.7.4.6.3. Load Doppler Memory Correction Factors								-	-	-
A19.7.4.6.4. Fault isolation								-	-	-
A19.7.4.6.5. Aircraft Avionic Systems Integration								-	-	-
A19.7.4.6.6. Perform Phase Inspection								-	-	-
A19.7.4.7. AN/ARS-6 Personnel Locator System (PLS) TR: 1H-53(M)J-2-7										
A19.7.4.7.1. Perform operational check								-	-	-
A19.7.4.7.2. Remove and install (R&I)										
A19.7.4.7.2.1. Control Display Unit								-	-	-
A19.7.4.7.2.2. Remote Display Unit								-	-	-
A19.7.4.7.2.3. Receiver/Transmitter								-	-	-
A19.7.4.7.2.4. Receiver/Transmitter Mount								-	-	-
A19.7.4.7.2.5. Antenna								-	-	-
A19.7.4.7.2.6. Antenna Switching Unit								-	-	-
A19.7.4.7.3. Fault isolation								-	-	-
A19.7.4.7.4. Aircraft Avionics Systems Integration								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.4.7.5. Perform Phase Inspection								-	-	-
A19.7.4.8. OZ-72(V)2(C)/A Multi-Mission Advanced Tactical Terminal (MATT) TR: 1H-53(M)J-2-8										
A19.7.4.8.1. Perform operational check								-	-	-
A19.7.4.8.2. Remove and install (R&I)										
A19.7.4.8.2.1. Receiver								-	-	-
A19.7.4.8.2.2. COMSEC Module								-	-	-
A19.7.4.8.3. Load and Verify OFP Procedures								-	-	-
A19.7.4.8.4. Fault isolation								-	-	-
A19.7.4.8.5. Aircraft Avionic Systems Integration								-	-	-
A19.7.4.8.6. Perform Phase Inspections								-	-	-
A19.7.5. RADAR SYSTEMS										
A19.7.5.1. AN/APQ-158 Radar TR: 1H-53(M)J-2-8										
A19.7.5.1.1. Perform operational check								-	-	-
A19.7.5.1.2. Remove and install (R&I)										
A19.7.5.1.2.1. Transmitter								-	-	-
A19.7.5.1.2.2. Antenna Receiver								-	-	-
A19.7.5.1.2.3. Radar mount								-	-	-
A19.7.5.1.2.4. Signal Data Converter (SDC)								-	-	-
A19.7.5.1.2.5. Power Supply-Programmer (PSP)								-	-	-
A19.7.5.1.2.6. Radar Control Panel (5 Box )								-	-	-
A19.7.5.1.2.7. TF/Range Control Panel (10 Box )								-	-	-
A19.7.5.1.2.8. TF Computer								-	-	-
A19.7.5.1.2.9. Radar Indicators								-	-	-
A19.7.5.1.2.10. Fault Locator								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.7.5.1.2.11. Turn Rate Supply								-	-	-	-
A19.7.5.1.2.12. Distribution Box								-	-	-	-
A19.7.5.1.2.13. TF Radar Monitor Panel								-	-	-	-
A19.7.5.1.2.14. TF & Obstacle Warning Fail Light Assemblies								-	-	-	-
A19.7.5.1.2.15. Pressure Dehumidifier								-	-	-	-
A19.7.5.1.2.16. Centrifugal Fan								-	-	-	-
A19.7.5.1.2.17. Dehydrator								-	-	-	-
A19.7.5.1.2.18. Turn Rate Gyro								-	-	-	-
A19.7.5.1.3. Perform Adjustments:											
A19.7.5.1.3.1. Roll Syncro								-	-	-	-
A19.7.5.1.3.2. Elevation Clamp								-	-	-	-
A19.7.5.1.3.3. Azimuth Clamp								-	-	-	-
A19.7.5.1.3.4. PSP Voltage								-	-	-	-
A19.7.5.1.3.5. Dither								-	-	-	-
A19.7.5.1.3.6. Antenna Tilt								-	-	-	-
A19.7.5.1.3.7. Antenna Receiver LO Lock-On								-	-	-	-
A19.7.5.1.3.8. Local Oscillator								-	-	-	-
A19.7.5.1.4. Perform Boresight								-	-	-	-
A19.7.5.1.5. Fault isolation								-	-	-	-
A19.7.5.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.5.1.7. Perform Phase Inspections								-	-	-	-
A19.7.5.2. AN/APN-232 Combined Altitude Radar Altimeter TR: 1H-53(M)J-2-7											
A19.7.5.2.1. Perform operational checks	*							-	-	-	-
A19.7.5.2.2. Remove and install (R&I)											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.5.2.2.1. Receiver/Transmitter								-	-	-
A19.7.5.2.2.2. Antenna								-	-	-
A19.7.5.2.2.3. Indicator								-	-	-
A19.7.5.2.2.4. Signal Data Converter (SDC)								-	-	-
A19.7.5.2.3. Adjust Altitude								-	-	-
A19.7.5.2.4. Fault isolation								-	-	-
A19.7.5.2.5. Aircraft Avionic Systems Integration								-	-	-
A19.7.5.2.6. Perform Phase Inspections								-	-	-
A19.7.5.3. Radar Beacon Transponder TR: 1H-53(M)J-2-7										
A19.7.5.3.1. Perform operational check								-	-	-
A19.7.5.3.2. Remove and install (R&I)										
A19.7.5.3.2.1. Receiver/Transmitter								-	-	-
A19.7.5.3.2.2. Antenna								-	-	-
A19.7.5.3.2.3. Control Panel								-	-	-
A19.7.5.3.3. Fault isolation								-	-	-
A19.7.5.3.4. Aircraft Avionic Systems Integration								-	-	-
A19.7.5.3.5. Perform Phase Inspections								-	-	-
A19.7.6. MISSION SYSTEMS										
A19.7.6.1. AAQ-18 Forward Looking Infrared System TR: 1H-53(M)J-2-8										
A19.7.6.1.1. Perform operational checks	*							-	-	-
A19.7.6.1.2. Remove and install (R&I)										
A19.7.6.1.2.1. Receiver								-	-	-
A19.7.6.1.2.2. Power Supply								-	-	-
A19.7.6.1.2.3. Electronic Control Amplifier (ECA)								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.7.6.1.2.4. Set Control								-	-	-	-
A19.7.6.1.2.5. Mount Base								-	-	-	-
A19.7.6.1.2.6. Closeout Panel								-	-	-	-
A19.7.6.1.2.7. Sand Intrusion Filtration Kit								-	-	-	-
A19.7.6.1.3. Inspect/Clean Sand Filtration Kit								-	-	-	-
A19.7.6.1.4. Perform Boresight								-	-	-	-
A19.7.6.1.5. Fault isolation								-	-	-	-
A19.7.6.1.6. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.6.1.7. Perform Phase Inspections								-	-	-	-
A19.7.6.2. Airborne Video Tape Recorder (AVTR) TR: Applicable A/C technical orders											
A19.7.6.2.1. Perform operational checks								-	-	-	-
A19.7.6.2.2. Remove and install (R&I)											
A19.7.6.2.2.1. Recorder								-	-	-	-
A19.7.6.2.2.2. Control Panel								-	-	-	-
A19.7.6.2.2.3. Mount Base								-	-	-	-
A19.7.6.2.3. Fault isolation								-	-	-	-
A19.7.6.2.4. Aircraft Avionic Systems Integration								-	-	-	-
A19.7.6.2.5. Perform Phase Inspections								-	-	-	-
A19.7.7 MISCELLANEOUS TR: Applicable Job Guides											
A19.7.7.1. Remove and install (R&I)								-	-	-	-
A19.7.7.1.1. Horizontal Situation Indicator (HSI)								-	-	-	-
A19.7.7.1.2. Altitude Direction Indicator (ADI)								-	-	-	-
A19.7.7.1.3. Bearing Direction Heading Indicator (BDHI)								-	-	-	-
A19.7.7.1.4. Course Indicator (CI)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.7.7.1.5. Altimeter-Encoder								-	-	-
A19.7.7.1.6. Monitors (HDD)								-	-	-
A19.8. SOF OFF-EQUIPMENT MAINTENANCE										
A19.8.1. DIRECT SUPPORT EQUIPMENT										
A19.8.1.1. Care for and Handle Test Equipment TR: 1-1A-15, 31-1-141-14								-	-	-
A19.8.1.2. Use/Maintain System Test Sets/Support Equipment TR: 00-20-7										
A19.8.1.2.1. Document AFTO Form 244								-	-	-
A19.8.1.2.2. Document Automated Forms								-	-	-
A19.8.1.3. POD Systems Holding/Storage/Transfer TR: AFOSH STD 91-46										
A19.8.1.3.1. Shipping Container								-	-	-
A19.8.1.3.2. Maintenance Fixture (Portable or Fixed)								-	-	-
A19.8.1.3.3. Transport Trailer								-	-	-
A19.8.1.4. AAM-78 Infrared Test Set TR: 33D5-49-29-1										
A19.8.1.4.1. Test Set										
A19.8.1.4.1.1. Perform operational check								-	-	-
A19.8.1.4.1.2. Perform Scheduled Maintenance								-	-	-
A19.8.1.4.1.3. Troubleshoot								-	-	-
A19.8.1.4.2. Vertical Collimator										
A19.8.1.4.2.1. Perform operational check								-	-	-
A19.8.1.4.2.2. Perform Scheduled Maintenance								-	-	-
A19.8.1.4.2.3. Troubleshoot								-	-	-
A19.8.1.5. AAM-79 Infrared Test Set, Portable TR: 33D5-49-28-1										
A19.8.1.5.1. System Run Box										

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES								-	-	-	-
A19.8.1.5.1.1. Perform Power-Off Operational Check								-	-	-	-
A19.8.1.5.1.2. Perform Power-On Operational Check								-	-	-	-
A19.8.1.5.1.3. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.5.1.4. Troubleshoot								-	-	-	-
A19.8.1.6. Collimator, Portable TR: 33D5-49-28-1											
A19.8.1.6.1. Perform operational check								-	-	-	-
A19.8.1.6.2. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.6.3. Perform Alignment								-	-	-	-
A19.8.1.6.4. Troubleshoot								-	-	-	-
A19.8.1.7. AAM-83 Infrared Test Set TR: 33D10-47-15-1											
A19.8.1.7.1. Prepare for Use								-	-	-	-
A19.8.1.7.2. Perform operational check								-	-	-	-
A19.8.1.7.3. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.7.4. Perform Signal Generator Alignment								-	-	-	-
A19.8.1.7.5. Perform Alignment Using Subassembly Test Set (SSTS)								-	-	-	-
A19.8.1.7.6. Troubleshoot								-	-	-	-
A19.8.1.8. Infrared Alignment Unit (IRAU) TR: 33D10-47-16-1											
A19.8.1.8.1. Perform operational check											
A19.8.1.8.1.1. Using AN/AAM-78								-	-	-	-
A19.8.1.8.1.2. Using AN/AAM-79								-	-	-	-
A19.8.1.8.1.3. Using AN/AAM-83								-	-	-	-
A19.8.1.8.2. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.8.3. Perform Alignment											

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.8.1.8.3.1. Using AN/AAM-78								-	-	-	-
A19.8.1.8.3.2. Using AN/AAM-79								-	-	-	-
A19.8.1.8.3.3. Using AN/AAM-83								-	-	-	-
A19.8.1.8.4. Troubleshoot IRAU								-	-	-	-
A19.8.1.9. GSU-293/E Lift Truck TR: 33D2-36-8-1											
A19.8.1.9.1. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.10. GSU-316/A/E Lift Truck TR: 33D3-9-25-1											
A19.8.1.10.1. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.11. ALLTV Loader Adapter TR: 35DA3-6-40-1											
A19.8.1.11.1. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.12. ALLTV Manually Operated Lift Truck TR: 35D3-9-23-1											
A19.8.1.12.1. Operate								-	-	-	-
A19.8.1.12.2. Perform Scheduled Maintenance								-	-	-	-
A19.8.1.13. AN/APQ-170 TEST PROGRAM SET (TPS) TR: 33D7-44-350-1, 33D7-44-360-1, 33D7-44-361-1 and 33D7-44-362-1											
A19.8.1.13.1. Perform operational check											
A19.8.1.13.1.1. Receiver/Transmitter								-	-	-	-
A19.8.1.13.1.2. Signal Processor Computer (SPC)								-	-	-	-
A19.8.1.13.1.3. Signal Data Converter (SDC)								-	-	-	-
A19.8.1.13.1.4. Power Supply								-	-	-	-
A19.8.1.13.2. Repair											
A19.8.1.13.2.1. Receiver/Transmitter								-	-	-	-
A19.8.1.13.2.2. Signal Processor Computer (SPC)								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.1.13.2.3. Signal Data Converter (SDC)								-	-	-
A19.8.1.13.2.4. Power Supply								-	-	-
A19.8.1.14. ELECTRICAL ELECTRONIC EQUIPMENT TEST STATION (EEETS) (AN/APQ-170) TR: 33A1-5-531-1 and 33A1-5-531-4										
A19.8.1.14.1. Setup								-	-	-
A19.8.1.14.2. Self Test								-	-	-
A19.8.1.14.3. Inspect								-	-	-
A19.8.1.14.4. Troubleshoot								-	-	-
A19.8.1.14.5. Repair										
A19.8.1.14.5.1. Computer Control Memory Unit (CCMU)								-	-	-
A19.8.1.14.5.2. Signal Generator Converter (SGC)								-	-	-
A19.8.1.14.5.3. Converter Interface (CI)								-	-	-
A19.8.1.14.6. Service Printer (2225HP)								-	-	-
A19.8.1.14.7. Perform Utility Program Operations								-	-	-
A19.8.1.14.8. Perform Calibration Verification								-	-	-
A19.8.1.15. AN/APQ-180 EEETS ANCILLARY EQUIPMENT TR: 33A1-5-531-1 and 33A1-5-531-4										
A19.8.1.15.1. Setup								-	-	-
A19.8.1.15.2. Inspect								-	-	-
A19.8.1.15.3. Troubleshoot										
A19.8.1.15.3.1. Fan, Vane axial								-	-	-
A19.8.1.15.3.2. Signal Data Converter								-	-	-
A19.8.1.15.3.3. Power Distribution Panel								-	-	-
A19.8.1.15.3.4. Waveguide Pressurization Unit								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.1.15.3.5. Liquid Cooling Unit								-	-	-	-
A19.8.1.15.3.6. Hydraulic Power Supply								-	-	-	-
A19.8.1.15.3.7. Triaxial Measuring System								-	-	-	-
A19.8.1.15.4. Repair											
A19.8.1.15.4.1. Fan, Vane axial								-	-	-	-
A19.8.1.15.4.2. Signal Data Converter								-	-	-	-
A19.8.1.15.4.3. Power Distribution Panel								-	-	-	-
A19.8.1.15.4.4. Waveguide Pressurization Unit								-	-	-	-
A19.8.1.15.4.5. Liquid Cooling Unit								-	-	-	-
A19.8.1.15.4.6. Hydraulic Power Supply								-	-	-	-
A19.8.1.15.4.7. Triaxial Measuring System								-	-	-	-
A19.8.1.16. AN/APQ-180 Test Program Set (TPS) TR: 33D-6-360-1, 33D-6-360-4, 33D-29-103-1, 33D-29-103-4, 33D-35-70-1, 33D-35-70-4, 33D7-50-2191-1, 33D7-50-2191-4											
A19.8.1.16.1. Perform operational check											
A19.8.1.16.1.1. Radar Data Processor/ Radar Signal Processor (RDP/ RSP) Test Program Set (TPS)								-	-	-	-
A19.8.1.16.1.2. Analog-Digital Converter/Receiver-Exciter (ADC/RE) TPS								-	-	-	-
A19.8.1.16.1.3. Low Voltage Power Supply (LVPS) TPS								-	-	-	-
A19.8.1.16.1.4. Transmitter TPS								-	-	-	-
A19.8.1.16.1.5. Antenna TPS								-	-	-	-
A19.8.1.16.2. Troubleshoot											
A19.8.1.16.2.1. Radar Data Processor/ Radar Signal Processor (RDP/ RSP) Test Program Set (TPS)								-	-	-	-
A19.8.1.16.2.2. Analog-Digital Converter/Receiver-Exciter (ADC/RE) TPS								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES								-	-	-	-
A19.8.1.16.2.3. Low Voltage Power Supply (LVPS) TPS								-	-	-	-
A19.8.1.16.2.4. Transmitter TPS								-	-	-	-
A19.8.1.16.2.5. Antenna TPS								-	-	-	-
A19.8.1.16.3. Repair											
A19.8.1.16.3.1. Radar Data Processor/ Radar Signal Processor (RDP/ RSP) Test Program Set (TPS)								-	-	-	-
A19.8.1.16.3.2. Analog-Digital Converter/Receiver-Exciter (ADC/RE) TPS								-	-	-	-
A19.8.1.16.3.3. Low Voltage Power Supply (LVPS) TPS								-	-	-	-
A19.8.1.16.3.4. Transmitter TPS								-	-	-	-
A19.8.1.16.3.5. Antenna TPS								-	-	-	-
A19.8.1.17. Interphone System TPS TR: 33D7-50-2157-1, 33D7-50-2157-4											
A19.8.1.17.1. Perform operational check								-	-	-	-
A19.8.1.17.2. Troubleshoot								-	-	-	-
A19.8.1.17.3. Repair								-	-	-	-
A19.8.2. RADAR SYSTEMS											
A19.8.2.1. AN/APQ-170 RADAR USING AIRCRAFT RADAR TEST STATION (ARATS) TR: 12P2-2APQ-170-Series											
A19.8.2.1.1. Perform Minimum Performance Check											
A19.8.2.1.1.1. X-Band Antenna								-	-	-	-
A19.8.2.1.1.2. Ku-Band Antenna								-	-	-	-
A19.8.2.1.1.3. X-RT								-	-	-	-
A19.8.2.1.1.4. Ku-RT								-	-	-	-
A19.8.2.1.1.5. Signal Processor Computer (SPC)								-	-	-	-
A19.8.2.1.1.6. Signal Data Converter (SDC)								-	-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.2.1.1.7. Power supply (SPS)								-	-	-
A19.8.2.1.2. Align										
A19.8.2.1.2.1. X-Band Antenna								-	-	-
A19.8.2.1.2.2. Ku-Band Antenna								-	-	-
A19.8.2.1.2.3. X-RT								-	-	-
A19.8.2.1.2.4. Ku-RT								-	-	-
A19.8.2.1.2.5. Signal Processor Computer (SPC)								-	-	-
A19.8.2.1.2.6. Signal Data Converter (SDC)								-	-	-
A19.8.2.1.2.7. Power supply (SPS)								-	-	-
A19.8.2.1.3. Repair										
A19.8.2.1.3.1. X-Band Antenna								-	-	-
A19.8.2.1.3.2. Ku-Band Antenna								-	-	-
A19.8.2.1.3.3. X-RT								-	-	-
A19.8.2.1.3.4. Repair Ku-RT								-	-	-
A19.8.2.1.3.5. Signal Processor Computer (SPC)								-	-	-
A19.8.2.1.3.6. Signal Data Converter (SDC)								-	-	-
A19.8.2.1.3.7. Power supply (SPS)								-	-	-
A19.8.2.1.4. Repair and Phase Match X- and Ku-Band Waveguides Using HP8510								-	-	-
A19.8.2.1.5 Perform Manual Operation Test								-	-	-
A19.8.2.1.6. Perform Freespace Radiation Test								-	-	-
A19.8.2.1.7. Remove and install (R&I)										
A19.8.2.1.7.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.2.1.7.2. Components								-	-	-
A19.8.2.1.8. Operate peculiar test equipment								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.1.9. Inspect peculiar test equipment								-	-	-	-
A19.8.2.1.10. Calibrate peculiar test equipment								-	-	-	-
A19.8.2.2. AN/APQ-170 RADAR USING TEST PROGRAM SETS TR: 12P2-2APQ-170-Series											
A19.8.2.2.1. Operate/Inspect/Calibrate								-	-	-	-
A19.8.2.2.2. Remove/Install Shop Replaceable Units (SRU) or Components								-	-	-	-
A19.8.2.2.3. Perform minimum performance checks											
A19.8.2.2.3.1. X-RT								-	-	-	-
A19.8.2.2.3.2. Ku-RT								-	-	-	-
A19.8.2.2.3.3. Signal Processor Computer (SPC)								-	-	-	-
A19.8.2.2.3.4. Signal Data Converter (SDC)								-	-	-	-
A19.8.2.2.3.5. Power Supply								-	-	-	-
A19.8.2.2.4. Troubleshoot and repair											
A19.8.2.2.4.1. X-RT								-	-	-	-
A19.8.2.2.4.2. Ku-RT								-	-	-	-
A19.8.2.2.4.3. Signal Processor Computer (SPC)								-	-	-	-
A19.8.2.2.4.4. Signal Data Converter (SDC)								-	-	-	-
A19.8.2.2.4.5. Power Supply								-	-	-	-
A19.8.2.3. AN/APQ-180 Radar TR: 12P2-2APQ180-Series											
A19.8.2.3.1. Perform minimum performance checks											
A19.8.2.3.1.1. Analog/Digital Converter (ADC)								-	-	-	-
A19.8.2.3.1.2. Radar Data Processor (RDP)								-	-	-	-
A19.8.2.3.1.3. Radar Signal Processor (RSP)								-	-	-	-
A19.8.2.3.1.4. Receiver/Exciter (RE)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.3.1.5. Transmitter								-	-	-	-
A19.8.2.3.1.6. Low Voltage Power Supply (LVPS)								-	-	-	-
A19.8.2.3.1.7. Antenna								-	-	-	-
A19.8.2.3.2. Troubleshoot											
A19.8.2.3.2.1. Analog/Digital Converter (ADC)								-	-	-	-
A19.8.2.3.2.2. Processor (RDP)								-	-	-	-
A19.8.2.3.2.3. Processor (RSP)								-	-	-	-
A19.8.2.3.2.4. Exciter (RE)								-	-	-	-
A19.8.2.3.2.5. Transmitter								-	-	-	-
A19.8.2.3.2.6. Low VoltagePower Supply (LVPS)								-	-	-	-
A19.8.2.3.2.7. Antenna								-	-	-	-
A19.8.2.3.3. Repair											
A19.8.2.3.3.1. Analog/Digital Converter (ADC)								-	-	-	-
A19.8.2.3.3.2. Processor (RDP)								-	-	-	-
A19.8.2.3.3.3. Signal Processor (RSP)								-	-	-	-
A19.8.2.3.3.4. Receiver/Exciter (RE)								-	-	-	-
A19.8.2.3.3.5. Transmitter								-	-	-	-
A19.8.2.3.3.6. Low Voltage Power Supply (LVPS)								-	-	-	-
A19.8.2.3.3.7. Antenna								-	-	-	-
A19.8.2.3.4. Perform Boresight/Harmonization of Antenna								-	-	-	-
A19.8.2.3.5. Remove and install (R&I)											
A19.8.2.3.5.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.2.3.5.2. Components								-	-	-	-
A19.8.2.3.6. Operate peculiar test equipment								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.3.7. Inspect peculiar test equipment								-	-	-	-
A19.8.2.3.8. Calibrate peculiar test equipment								-	-	-	-
A19.8.2.4. AN/APQ-150 RADAR TR: 12P5-2APQ150-12											
A19.8.2.4.1. Perform minimum performance checks											
A19.8.2.4.1.1. Control Indicator								-	-	-	-
A19.8.2.4.1.2. Receiver/Transmitter								-	-	-	-
A19.8.2.4.1.3. Signal Processor								-	-	-	-
A19.8.2.4.2. Align											
A19.8.2.4.2.1. Control Indicator								-	-	-	-
A19.8.2.4.2.2. Receiver/Transmitter								-	-	-	-
A19.8.2.4.2.3. Signal Processor								-	-	-	-
A19.8.2.4.3. Repair											
A19.8.2.4.3.1. Control Indicator								-	-	-	-
A19.8.2.4.3.2. Receiver/Transmitter								-	-	-	-
A19.8.2.4.3.3. Signal Processor								-	-	-	-
A19.8.2.4.4. Remove and install (R&I)											
A19.8.2.4.4.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.2.4.4.2. Components								-	-	-	-
A19.8.2.1.5. Operate peculiar test equipment								-	-	-	-
A19.8.2.1.6. Inspect peculiar test equipment								-	-	-	-
A19.8.2.1.7. Calibrate peculiar test equipment								-	-	-	-
A19.8.2.5. AN/APQ-122 (V-8 SOFI) RADAR TR: 12P5-2APQ122-191-1											
A19.8.2.5.1. Perform Minimum Performance Check											
A19.8.2.5.1.1. X -Band Receiver/Transmitter								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.5.1.2. Ka-Band Receiver/Transmitter								-	-	-	-
A19.8.2.5.1.3. ECA								-	-	-	-
A19.8.2.5.1.4. Map Antenna								-	-	-	-
A19.8.2.5.1.5. Antenna Control								-	-	-	-
A19.8.2.5.1.6. TF Receiver								-	-	-	-
A19.8.2.5.1.7. TF Computer								-	-	-	-
A19.8.2.5.1.8. X-Band Control Box								-	-	-	-
A19.8.2.5.1.9. Ka-Band Control Box								-	-	-	-
A19.8.2.5.1.10. Cursor Control Box								-	-	-	-
A19.8.2.5.1.11. AOA Probe								-	-	-	-
A19.8.2.5.1.12. TF Antenna								-	-	-	-
A19.8.2.5.1.13. DAI								-	-	-	-
A19.8.2.5.1.14. PSP								-	-	-	-
A19.8.2.5.1.15. Maintenance Panel								-	-	-	-
A19.8.2.5.1.16. Power Supply								-	-	-	-
A19.8.2.5.1.17. Pilot's 5" Monitor								-	-	-	-
A19.8.2.5.1.18. Navigator's 9" Monitor								-	-	-	-
A19.8.2.5.1.19. Navigator's 14" Monitor								-	-	-	-
A19.8.2.5.1.20. Digital Scan Converter								-	-	-	-
A19.8.2.5.1.21. Pilot's Control Box								-	-	-	-
A19.8.2.5.1.22. Navigator's Control Box								-	-	-	-
A19.8.2.5.1.23. Left Navigator's Control Box								-	-	-	-
A19.8.2.5.1.24. Digital Scan Converter Mount								-	-	-	-
A19.8.2.5.1.25. Power Supply Mount								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	(1) Crse	(1) CDC	(1) Crse (2) CDC
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	-	-	-
A19.8.2.5.2. Align										
A19.8.2.5.2.1. X-Band Receiver/Transmitter								-	-	-
A19.8.2.5.2.2. Ka-Band Receiver/Transmitter								-	-	-
A19.8.2.5.2.3. ECA								-	-	-
A19.8.2.5.2.4. Map Antenna								-	-	-
A19.8.2.5.2.5. Antenna Control								-	-	-
A19.8.2.5.2.6. TF Receiver								-	-	-
A19.8.2.5.2.7. TF Computer								-	-	-
A19.8.2.5.2.8. X-Band Control Box								-	-	-
A19.8.2.5.2.9. Ka-Band Control Box								-	-	-
A19.8.2.5.2.10. Cursor Control Box								-	-	-
A19.8.2.5.2.11. TF Antenna								-	-	-
A19.8.2.5.2.12. PSP								-	-	-
A19.8.2.5.2.13. Power Supply								-	-	-
A19.8.2.5.2.14. Pilot's 5" Monitor								-	-	-
A19.8.2.5.2.15. Navigator's 9" Monitor								-	-	-
A19.8.2.5.2.16. Navigator's 14" Monitor								-	-	-
A19.8.2.5.2.17. Digital Scan Converter								-	-	-
A19.8.2.5.2.18. Pilot's Control Box								-	-	-
A19.8.2.5.2.19. Navigator's Control Box								-	-	-
A19.8.2.5.2.20. Left Navigator's Control Box								-	-	-
A19.8.2.5.3. Repair										
A19.8.2.5.3.1. X-Band Receiver/Transmitter								-	-	-
A19.8.2.5.3.2. Ka-Band Receiver/Transmitter								-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.5.3.3. ECA								-	-	-	-
A19.8.2.5.3.4. Map Antenna								-	-	-	-
A19.8.2.5.3.5. Antenna Control								-	-	-	-
A19.8.2.5.3.6. TF Receiver								-	-	-	-
A19.8.2.5.3.7. TF Computer								-	-	-	-
A19.8.2.5.3.8. X-Band Control Box								-	-	-	-
A19.8.2.5.3.9. Ka-Band Control Box								-	-	-	-
A19.8.2.5.3.10. Cursor Control Box								-	-	-	-
A19.8.2.5.3.11. TF Antenna								-	-	-	-
A19.8.2.5.3.12. PSP								-	-	-	-
A19.8.2.5.3.13. Power Supply								-	-	-	-
A19.8.2.5.3.14. Pilot's 5" Monitor								-	-	-	-
A19.8.2.5.3.15. Navigator's 9" Monitor								-	-	-	-
A19.8.2.5.3.16. Navigator's 14" Monitor								-	-	-	-
A19.8.2.5.3.17. Digital Scan Converter								-	-	-	-
A19.8.2.5.3.18. Pilot's Control Box								-	-	-	-
A19.8.2.5.3.19. Navigator's Control Box								-	-	-	-
A19.8.2.5.3.20. Left Navigator's Control Box								-	-	-	-
A19.8.2.5.3.21. Repair Digital Scan Converter Mount								-	-	-	-
A19.8.2.5.3.22. Repair Power Supply Mount								-	-	-	-
A19.8.2.5.4. Remove and install (R&I)											
A19.8.2.5.4.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.2.5.4.2. Components								-	-	-	-
A19.8.2.5.5. Operate peculiar test equipment								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES											
A19.8.2.5.6. Inspect peculiar test equipment								-	-	-	-
A19.8.2.5.7. Calibrate peculiar test equipment								-	-	-	-
A19.8.2.6. AN/APQ-158 RADAR TR: 12P2-2APQ158-12-1											
A19.8.2.6.1. Perform Minimum Performance Check											
A19.8.2.6.1.1. Power Supply								-	-	-	-
A19.8.2.6.1.2. Transmitter								-	-	-	-
A19.8.2.6.1.3. Antenna Receiver								-	-	-	-
A19.8.2.6.1.4. TF Computer								-	-	-	-
A19.8.2.6.1.5. C-10646 Set Control								-	-	-	-
A19.8.2.6.1.6. Signal Data Converter								-	-	-	-
A19.8.2.6.1.7. Fault Locator								-	-	-	-
A19.8.2.6.1.8. Indicators								-	-	-	-
A19.8.2.6.1.9. Distribution Box								-	-	-	-
A19.8.2.6.1.10. TF Range Control Panel								-	-	-	-
A19.8.2.6.1.11. C-10010 Set Control								-	-	-	-
A19.8.2.6.1.12. Pressurizer/Dehumidifier								-	-	-	-
A19.8.2.6.1.13. Turn Rate Gyro								-	-	-	-
A19.8.2.6.1.14. Forward Mount Assembly								-	-	-	-
A19.8.2.6.1.15. Centrifugal Fan								-	-	-	-
A19.8.2.6.1.16. TF Radar Monitor Panel								-	-	-	-
A19.8.2.6.1.17. System								-	-	-	-
A19.8.2.6.2. Align											
A19.8.2.6.2.1. Power Supply								-	-	-	-
A19.8.2.6.2.2. Transmitter								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.6.2.3. Antenna Receiver								-	-	-	-
A19.8.2.6.2.4. TF Computer								-	-	-	-
A19.8.2.6.2.5. C-10646 Set Control								-	-	-	-
A19.8.2.6.2.6. Signal Data Converter								-	-	-	-
A19.8.2.6.2.7. Fault Locator								-	-	-	-
A19.8.2.6.2.8. Indicators								-	-	-	-
A19.8.2.6.2.9. Distribution Box								-	-	-	-
A19.8.2.6.2.10. TF Range Control Panel								-	-	-	-
A19.8.2.6.2.11. C-10010 Set Control								-	-	-	-
A19.8.2.6.2.12. Pressurizer/Dehumidifier								-	-	-	-
A19.8.2.6.2.13. Turn Rate Gyro								-	-	-	-
A19.8.2.6.2.14. Forward Mount Assembly								-	-	-	-
A19.8.2.6.2.15. Centrifugal Fan								-	-	-	-
A19.8.2.6.2.16. TF Radar Monitor Panel								-	-	-	-
A19.8.2.6.3. Repair											
A19.8.2.6.3.1. Power Supply								-	-	-	-
A19.8.2.6.3.2. Transmitter								-	-	-	-
A19.8.2.6.3.3. Antenna Receiver								-	-	-	-
A19.8.2.6.3.4. TF Computer								-	-	-	-
A19.8.2.6.3.5. C-10646 Set Control								-	-	-	-
A19.8.2.6.3.6. Signal Data Converter								-	-	-	-
A19.8.2.6.3.7. Fault Locator								-	-	-	-
A19.8.2.6.3.8. Indicators								-	-	-	-
A19.8.2.6.3.9. Distribution Box								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.6.3.10. TF Range Control Panel								-	-	-	-
A19.8.2.6.3.11. C-10010 Set Control								-	-	-	-
A19.8.2.6.3.12. Pressurizer/ Dehumidifier								-	-	-	-
A19.8.2.6.3.13. Turn Rate Gyro								-	-	-	-
A19.8.2.6.3.14. Forward Mount Assembly								-	-	-	-
A19.8.2.6.3.15. Centrifugal Fan								-	-	-	-
A19.8.2.6.3.16. TF Radar Monitor Panel								-	-	-	-
A19.8.2.6.4. Remove and install (R&I)											
A19.8.2.6.4.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.2.6.4.2. Components								-	-	-	-
A19.8.2.6.5. Operate peculiar test equipment								-	-	-	-
A19.8.2.6.6. Inspect peculiar test equipment								-	-	-	-
A19.8.2.6.7. Calibrate peculiar test equipment								-	-	-	-
A19.8.2.7. AN/APN-59 Radar TR: 12P5-2APN59-62											
A19.8.2.7.1. Perform Minimum Performance Check											
A19.8.2.7.1.1. Receiver/Transmitter								-	-	-	-
A19.8.2.7.1.2. Antenna								-	-	-	-
A19.8.2.7.1.3. Electronic Control Amplifier								-	-	-	-
A19.8.2.7.1.4. Power Supply								-	-	-	-
A19.8.2.7.1.5. Synchronizer								-	-	-	-
A19.8.2.7.1.6. Indicator								-	-	-	-
A19.8.2.7.1.7. Stabilization Unit								-	-	-	-
A19.8.2.7.1.8. Fan								-	-	-	-
A19.8.2.7.1.9. System Control Panel								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.7.1.10. Synchronizer Control								-	-	-	-
A19.8.2.7.1.11. Antenna Control								-	-	-	-
A19.8.2.7.2. Align											
A19.8.2.7.2.1. Receive/Transmitter								-	-	-	-
A19.8.2.7.2.2. Antenna								-	-	-	-
A19.8.2.7.2.3. Electronic Control Amplifier								-	-	-	-
A19.8.2.7.2.4. Power Supply								-	-	-	-
A19.8.2.7.2.5. Synchronizer								-	-	-	-
A19.8.2.7.2.6. Indicator								-	-	-	-
A19.8.2.7.2.7. Stabilization Unit								-	-	-	-
A19.8.2.7.2.8. Fan								-	-	-	-
A19.8.2.7.2.9. System Control Panel								-	-	-	-
A19.8.2.7.2.10. Synchronizer Control								-	-	-	-
A19.8.2.7.2.11. Antenna Control								-	-	-	-
A19.8.2.7.3. Repair											
A19.8.2.7.3.1. Receive/Transmitter								-	-	-	-
A19.8.2.7.3.2. Antenna								-	-	-	-
A19.8.2.7.3.3. Electronic Control Amplifier								-	-	-	-
A19.8.2.7.3.4. Power Supply								-	-	-	-
A19.8.2.7.3.5. Synchronizer								-	-	-	-
A19.8.2.7.3.6. Indicator								-	-	-	-
A19.8.2.7.3.7. Stabilization Unit								-	-	-	-
A19.8.2.7.3.8. Fan								-	-	-	-
A19.8.2.7.3.9. System Control Panel								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.2.7.3.10. Synchronizer Control								-	-	-	-
A19.8.2.7.3.11. Antenna Control								-	-	-	-
A19.8.2.7.3. Remove and install (R&I)											
A19.8.2.7.3.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.2.7.3.2. Components								-	-	-	-
A19.8.2.7.4. Operate peculiar test equipment								-	-	-	-
A19.8.2.7.5. Inspect peculiar test equipment								-	-	-	-
A19.8.2.7.6. Calibrate peculiar test equipment								-	-	-	-
A19.8.3. COMMUNICATIONS/NAVIGATION SYSTEMS											
A19.8.3.1. AIC-38/40 INTERPHONE SYSTEM Using Test Program Sets (TPS) TR: 12R2-Series											
A19.8.3.1.1. Perform Minimum Performance Check											
A19.8.3.1.1.1. Communications Control Unit (CCU)								-	-	-	-
A19.8.3.1.1.2. Communications Station Unit (CSU)								-	-	-	-
A19.8.3.1.2. Troubleshoot											
A19.8.3.1.2.1. Communications Control Unit (CCU)								-	-	-	-
A19.8.3.1.2.2. Communications Station Unit (CSU)								-	-	-	-
A19.8.3.1.3. Repair											
A19.8.3.1.3.1. Communications Control Unit (CCU)								-	-	-	-
A19.8.3.1.3.2. Communications Station Unit (CSU)								-	-	-	-
A19.8.3.1.4. Remove and install (R&I)											
A19.8.3.1.4.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.1.4.2. Components								-	-	-	-
A19.8.3.2. AN/AIC-18-25 Interphone System TR: 12R2-2AIC-Series											

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.3.2.1. Perform minimum performance checks								-	-	-	-
A19.8.3.2.2. Align											
A19.8.3.2.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.2.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.2.3. Repair											
A19.8.3.2.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.2.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.2.4. Remove and install (R&I)											
A19.8.3.2.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.2.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.2.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.2.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.2.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.2.8. Fabricate test set								-	-	-	-
A19.8.3.3. AN/ARC-164 UHF Radio System TR: 12R2-2ARC164-2											
A19.8.3.3.1. Perform minimum performance checks								-	-	-	-
A19.8.3.3.2. Align											
A19.8.3.3.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.3.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.3.3. Repair											
A19.8.3.3.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.3.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.3.4. Remove and install (R&I)											
A19.8.3.3.4.1. Line Replaceable Units (LRU)								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E				
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.3.3.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.3.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.3.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.3.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.4. AN/ARA-25/50, DF-301G & OA-8697A UHF Direction Finder System TR: 12R1-2ARA Series											
A19.8.3.4.1. Perform minimum performance checks								-	-	-	-
A19.8.3.4.2. Align											
A19.8.3.4.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.4.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.4.3. Repair											
A19.8.3.4.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.4.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.4.4. Remove and install (R&I)											
A19.8.3.4.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.4.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.4.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.4.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.4.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.5. AN/ARC-222 VHF Radio System TR: 12R2-2ARC222-Series											
A19.8.3.5.1. Perform minimum performance checks								-	-	-	-
A19.8.3.5.2. Align											
A19.8.3.5.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.5.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.5.3. Repair											

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.3.5.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.5.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.5.4. Remove and install (R&I)											
A19.8.3.5.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.5.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.5.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.5.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.5.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.6. AN/ARC-186 VHF Radio System TR: 12R2-2ARC186-2											
A19.8.3.6.1. Perform minimum performance checks								-	-	-	-
A19.8.3.6.2. Align											
A19.8.3.6.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.6.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.6.3. Repair											
A19.8.3.6.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.6.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.6.4. Remove and install (R&I)											
A19.8.3.6.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.6.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.6.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.6.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.6.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.7. AN/ARC-187 & URC-133 SATCOM Radio System TR: 12R2-2ARC187-2											
A19.8.3.7.1. Perform minimum performance checks								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.3.7.2. Align										
A19.8.3.7.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.7.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.7.3. Repair										
A19.8.3.7.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.7.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.7.4. Remove and install (R&I)										
A19.8.3.7.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.7.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.7.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.7.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.7.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.8. AN/ARC-190 HF Radio System TR: 12R2-2ARC190-2										
A19.8.3.8.1. Perform minimum performance checks								-	-	-
A19.8.3.8.2. Align										
A19.8.3.8.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.8.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.8.3. Repair										
A19.8.3.8.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.8.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.8.4. Remove and install (R&I)										
A19.8.3.8.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.8.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.8.5. Operate Peculiar Test Equipment								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.3.8.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.8.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.9. Secure Speech Voice KY-58/100 & ANDVT TR: KMA-Series										
A19.8.3.9.1. Perform minimum performance checks								-	-	-
A19.8.3.9.2. Align										
A19.8.3.9.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.9.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.9.3. Repair										
A19.8.3.9.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.9.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.9.4. Remove and install (R&I)										
A19.8.3.9.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.9.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.9.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.9.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.9.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.10. APX-64/72/100 IFF Transponders TR: 12P4-2APX-Series										
A19.8.3.10.1. Perform minimum performance checks								-	-	-
A19.8.3.10.2. Align										
A19.8.3.10.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.10.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.10.3. Repair										
A19.8.3.10.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.10.3.2. Shop Replaceable Units (SRU)								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.3.10.4. Remove and install (R&I)										
A19.8.3.10.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.10.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.10.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.10.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.10.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.11. Mode IV Computer TR: KMA-Series										
A19.8.3.11.1. Perform minimum performance checks								-	-	-
A19.8.3.11.2. Align										
A19.8.3.11.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.11.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.11.3. Repair										
A19.8.3.11.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.11.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.11.4. Remove and install (R&I)										
A19.8.3.11.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.11.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.11.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.11.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.11.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.12. AN/ARN-118 TACAN System TR: 12R5-2ARN118-2										
A19.8.3.12.1. Perform minimum performance checks								-	-	-
A19.8.3.12.2. Align										
A19.8.3.12.2.1. Line Replaceable Units (LRU)								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.3.12.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.12.3. Repair										
A19.8.3.12.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.12.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.12.4. Remove and install (R&I)										
A19.8.3.12.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.12.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.12.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.12.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.12.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.13. AN/ARN-147 VOR System TR: 12R5-2ARN147-2										
A19.8.3.13.1. Perform minimum performance checks								-	-	-
A19.8.3.13.2. Align										
A19.8.3.13.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.13.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.13.3. Repair										
A19.8.3.13.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.13.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.13.4. Remove and install (R&I)										
A19.8.3.13.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.13.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.13.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.13.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.13.7. Calibrate Peculiar Test Equipment								-	-	-

Change 1 (Corrected) -Attachment 19

## SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.3.14. AN/ARN-151 GPS System TR: 12R5-2ARN151-2										
A19.8.3.14.1. Perform minimum performance checks								-	-	-
A19.8.3.14.2. Align										
A19.8.3.14.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.14.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.14.3. Repair										
A19.8.3.14.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.14.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.14.4. Remove and install (R&I)										
A19.8.3.14.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.14.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.14.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.14.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.14.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.15. AN/ARN-6, DF-206, DFA-730, ADF Systems TR: 12R5-Series										
A19.8.3.15.1. Perform minimum performance checks								-	-	-
A19.8.3.15.2. Align										
A19.8.3.15.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.15.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.15.3. Repair										
A19.8.3.15.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.15.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.15.4. Remove and install (R&I)										

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.3.15.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.15.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.15.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.15.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.15.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.16. Self Contained Navigation System TR: 5N1-4-30-2											
A19.8.3.16.1. Perform minimum performance checks								-	-	-	-
A19.8.3.16.2. Align											
A19.8.3.16.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.16.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.16.3. Repair											
A19.8.3.16.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.16.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.16.4. Remove and install (R&I)											
A19.8.3.16.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.16.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.16.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.16.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.16.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.3.17. AN/APN-218/221 Doppler System TR: 12P5-2APN-Series											
A19.8.3.17.1. Perform minimum performance checks								-	-	-	-
A19.8.3.17.2. Align											
A19.8.3.17.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.17.2.2. Shop Replaceable Units (SRU)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.3.17.3. Repair										
A19.8.3.17.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.17.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.17.4. Remove and install (R&I)										
A19.8.3.17.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.17.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.17.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.17.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.17.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.18. AN/APN-171 Radar Altimeter TR: 12P5-2APN171-2										
A19.8.3.18.1. Perform minimum performance checks								-	-	-
A19.8.3.18.2. Align										
A19.8.3.18.2.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.18.2.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.18.3. Repair										
A19.8.3.18.3.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.18.3.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.18.4. Remove and install (R&I)										
A19.8.3.18.4.1. Line Replaceable Units (LRU)								-	-	-
A19.8.3.18.4.2. Shop Replaceable Units (SRU)								-	-	-
A19.8.3.18.5. Operate Peculiar Test Equipment								-	-	-
A19.8.3.18.6. Inspect Peculiar Test Equipment								-	-	-
A19.8.3.18.7. Calibrate Peculiar Test Equipment								-	-	-
A19.8.3.19. Inertial Navigation System TR: 33D7-44-369-1										

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.3.19.1. Perform minimum performance checks								-	-	-	-
A19.8.3.19.2. Align											
A19.8.3.19.2.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.19.2.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.19.3. Repair											
A19.8.3.19.3.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.19.3.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.19.4. Remove and install (R&I)											
A19.8.3.19.4.1. Line Replaceable Units (LRU)								-	-	-	-
A19.8.3.19.4.2. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.3.19.5. Operate Peculiar Test Equipment								-	-	-	-
A19.8.3.19.6. Inspect Peculiar Test Equipment								-	-	-	-
A19.8.3.19.7. Calibrate Peculiar Test Equipment								-	-	-	-
A19.8.4. MISSION SYSTEMS											
A19.8.4.1. AAQ-15 Infrared Detecting Set (IDS) TR: 11F1-AAQ15-2, 11F1-AAQ15-12, 11F1-AAQ15-22, 11F1-AAQ15-32											
A19.8.4.1.1. AAQ-15 Infrared Detecting Set (IDS)											
A19.8.4.1.1.1. Theory of Operation								-	-	-	-
A19.8.4.1.1.2. Perform System Operational check											
A19.8.4.1.1.2.1. Using AAM-78								-	-	-	-
A19.8.4.1.1.2.2. Using AAM-79								-	-	-	-
A19.8.4.1.1.3. Troubleshoot											
A19.8.4.1.1.3.1. Using AAM-78								-	-	-	-
A19.8.4.1.1.3.2. Using AAM-79								-	-	-	-
A19.8.4.1.2. Infrared Receiver											

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.4.1.2.1. Perform operational check Using AAM-78								-	-	-
A19.8.4.1.2.2. Perform Alignments Using AAM-78										
A19.8.4.1.2.2.1. Collimator								-	-	-
A19.8.4.1.2.2.2. Scan and Interlace CCA								-	-	-
A19.8.4.1.2.2.3. Video Aux Control CCA								-	-	-
A19.8.4.1.2.2.4. Camera Head (Optoliner)								-	-	-
A19.8.4.1.2.2.5. Camera Assembly Using								-	-	-
A19.8.4.1.2.2.6. Camera Head (IRAU)								-	-	-
A19.8.4.1.2.2.7. Detector Dewar								-	-	-
A19.8.4.1.2.2.8. Repeatable Point								-	-	-
A19.8.4.1.2.2.9. Imager Drive								-	-	-
A19.8.4.1.2.2.10. Gain Balance								-	-	-
A19.8.4.1.2.2.11. Gain Balance (IRAU)								-	-	-
A19.8.4.1.2.2.12. Gyro Capture Loop CCA								-	-	-
A19.8.4.1.2.2.13. Boresight/Resolver/Demodulator								-	-	-
A19.8.4.1.2.3. Troubleshoot Using AAM-78								-	-	-
A19.8.4.1.2.4. Perform Alignments Using AAM-79										
A19.8.4.1.2.4.1. Scan and Interlace CCA								-	-	-
A19.8.4.1.2.4.2. Video Aux Control CCA								-	-	-
A19.8.4.1.2.4.3. Camera Head								-	-	-
A19.8.4.1.2.4.4. Camera Head (IRAU)								-	-	-
A19.8.4.1.2.4.5. Detector Dewar								-	-	-
A19.8.4.1.2.4.6. Imager Drive								-	-	-
A19.8.4.1.2.4.7. Gain Balance								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.4.1.2.4.8. Gain Balance (IRAU)								-	-	-	-
A19.8.4.1.2.4.9. Reticle Condenser								-	-	-	-
A19.8.4.1.2.4.10. Afocal								-	-	-	-
A19.8.4.1.2.4.11. Gyro Capture Loop CCA								-	-	-	-
A19.8.4.1.2.4.12. Demodulator								-	-	-	-
A19.8.4.1.2.5. Remove and install (R&I)											
A19.8.4.1.2.5.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.4.1.2.5.2. Components								-	-	-	-
A19.8.4.1.3. Control Converter											
A19.8.4.1.3.1. Perform operational check Using AAM-78								-	-	-	-
A19.8.4.1.3.2. Remove and install (R&I))											
A19.8.4.1.3.2.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.4.1.3.2.2. Components								-	-	-	-
A19.8.4.1.3.3. Troubleshoot Using AAM-78								-	-	-	-
A19.8.4.2. AAQ-17/-17(A) Infrared Detecting Set (IDS) TR: 11F1-AAQ17-2, 11F1-AAQ17-12, 11F1-AAQ17-22, 11F1-AAQ17-32)											
A19.8.4.2.1. AAQ-17/-17(A) Infrared Detecting Set (IDS)											
A19.8.4.2.1.1. Theory of Operation								-	-	-	-
A19.8.4.2.1.2. Perform operational check											
A19.8.4.2.1.2.1. Using AAM-78								-	-	-	-
A19.8.4.2.1.2.2. Using AAM-79								-	-	-	-
A19.8.4.2.1.3. Troubleshoot											
A19.8.4.2.1.3.1. Using AAM-78								-	-	-	-
A19.8.4.2.1.3.2. Using AAM-79								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.4.2.2. Infrared Receiver											
A19.8.4.2.2.1. Perform operational check Using AAM-78								-	-	-	-
A19.8.4.2.2.2. Perform Alignments Using AAM-78											
A19.8.4.2.2.2.1. Collimator								-	-	-	-
A19.8.4.2.2.2.2. Scan and Interlace CCA								-	-	-	-
A19.8.4.2.2.2.3. Video Aux Control CCA								-	-	-	-
A19.8.4.2.2.2.4. Camera Head								-	-	-	-
A19.8.4.2.2.2.5. Camera Head (IRAU)								-	-	-	-
A19.8.4.2.2.2.6. Detector Dewar								-	-	-	-
A19.8.4.2.2.2.7. Imager Drive								-	-	-	-
A19.8.4.2.2.2.8. Reticle Condenser								-	-	-	-
A19.8.4.2.2.2.9. Afocal								-	-	-	-
A19.8.4.2.2.2.10. Gyro Capture Loop CCA								-	-	-	-
A19.8.4.2.2.2.11. Boresight/Resolver/Demodulator								-	-	-	-
A19.8.4.2.2.3. Troubleshoot Using AAM-78								-	-	-	-
A19.8.4.2.2.4. Perform Alignments Using AAM-79											
A19.8.4.2.2.4.1. Scan and Interlace CCA								-	-	-	-
A19.8.4.2.2.4.2. Video Aux Control CCA								-	-	-	-
A19.8.4.2.2.4.3. Camera Head								-	-	-	-
A19.8.4.2.2.4.4. Camera Head (IRAU)								-	-	-	-
A19.8.4.2.2.4.5. Detector Dewar								-	-	-	-
A19.8.4.2.2.4.6. Imager Drive								-	-	-	-
A19.8.4.2.2.4.7. Gain Balance								-	-	-	-
A19.8.4.2.2.4.8. Gain Balance (IRAU)								-	-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.4.2.2.4.9. Reticle Condenser								-	-	-
A19.8.4.2.2.4.10. Afocal Using								-	-	-
A19.8.4.2.2.4.11. Gyro Capture Loop CCA								-	-	-
A19.8.4.2.2.4.12. Demodulator CCA								-	-	-
A19.8.4.2.2.5. Remove and install (R&I)										
A19.8.4.2.2.5.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.4.2.2.5.2. Components								-	-	-
A19.8.4.2.3. Control Converter										
A19.8.4.2.3.1. Perform operational check Using AAM-78								-	-	-
A19.8.4.2.3.2. Remove and install (R&I)										
A19.8.4.2.3.2.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.4.2.3.2.2. Components								-	-	-
A19.8.4.2.3.3. Troubleshoot Using AAM-78								-	-	-
A19.8.4.2.4. Gimbal Position Control Unit (GPCU)										
A19.8.4.2.4.1. Using AAM-78										
A19.8.4.2.4.1.1. Perform operational check								-	-	-
A19.8.4.2.4.1.2. Perform Alignment								-	-	-
A19.8.4.2.4.1.3. Troubleshoot								-	-	-
A19.8.4.2.4.2. Remove and install (R&I)										
A19.8.4.2.4.2.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.4.2.4.2.2. Components								-	-	-
A19.8.4.2.5. Infrared Set Control										
A19.8.4.2.5.1. Using AAM-78										
A19.8.4.2.5.1.1. Perform operational check								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.4.2.5.1.2. Troubleshoot								-	-	-
A19.8.4.2.5.2. Remove and install (R&I)										
A19.8.4.2.5.2.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.4.2.5.2.2. Components								-	-	-
A19.8.4.3. AAQ-18 Forward Looking Infrared System TR: 12S10-2AAQ18-22, 12S10-2AAQ18-32										
A19.8.4.3.1. AAQ-18 Forward Looking Infrared System										
A19.8.4.3.1.1. Theory of Operation								-	-	-
A19.8.4.3.1.2. Perform System Operational check								-	-	-
A19.8.4.3.1.3. Troubleshoot and Repair of System								-	-	-
A19.8.4.3.1.4. Perform operational check										
A19.8.4.3.1.4.1. Infrared Receiver								-	-	-
A19.8.4.3.1.4.2. Heat Exchanger								-	-	-
A19.8.4.3.1.4.3. Afocal								-	-	-
A19.8.4.3.1.4.4. Camera Head								-	-	-
A19.8.4.3.1.4.5. Scanner/Phase Shift Lens								-	-	-
A19.8.4.3.1.4.6. Evaluation Torquer								-	-	-
A19.8.4.3.1.5. Perform Checks										
A19.8.4.3.1.5.1. Focus Verification								-	-	-
A19.8.4.3.1.5.2. Final Modulation								-	-	-
A19.8.4.3.1.5.3. Minimal Resolvable Temperature								-	-	-
A19.8.4.3.1.6. Perform Alignments										
A19.8.4.3.1.6.1. Infrared Receiver								-	-	-
A19.8.4.3.1.6.2. Scanner								-	-	-

Change 1 (Corrected) -Attachment 19

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.4.3.1.6.3. Video Aux Control								-	-	-	-
A19.8.4.3.1.6.4. Imager								-	-	-	-
A19.8.4.3.1.6.5. Detector Dewar Focus								-	-	-	-
A19.8.4.3.1.6.6. Detector Dewar Focus (IRAU)								-	-	-	-
A19.8.4.3.1.6.7. Repeatable Point								-	-	-	-
A19.8.4.3.1.6.8. Camera Assembly								-	-	-	-
A19.8.4.3.1.6.9. Gain Balance								-	-	-	-
A19.8.4.3.1.6.10. Reticle								-	-	-	-
A19.8.4.3.1.6.11. Track FOV Focus								-	-	-	-
A19.8.4.3.1.6.12. Camera Assembly Focus								-	-	-	-
A19.8.4.3.1.6.13. Camera Head Assembly								-	-	-	-
A19.8.4.3.1.6.14. Elevation Resolver								-	-	-	-
A19.8.4.3.1.6.15. Elevation Synchro								-	-	-	-
A19.8.4.3.1.6.16. Elevation Tach Generator								-	-	-	-
A19.8.4.3.1.6.17. Elevation Resolver Backlash								-	-	-	-
A19.8.4.3.1.6.18. Gimbal								-	-	-	-
A19.8.4.3.1.6.19. Azimuth Synchro								-	-	-	-
A19.8.4.3.1.6.20. Afocal Assembly Focus								-	-	-	-
A19.8.4.3.1.6.21. Afocal Assembly FOV								-	-	-	-
A19.8.4.3.2. Infrared Receiver											
A19.8.4.3.2.1. Remove and install (R&I)											
A19.8.4.3.2.1.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.4.3.2.1.2. Components								-	-	-	-
A19.8.4.3.2.2. Troubleshoot								-	-	-	-

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A19.8.4.3.3. Power Supply											
A19.8.4.3.3.1. Perform operational check								-	-	-	-
A19.8.4.3.3.2. Perform Alignment								-	-	-	-
A19.8.4.3.3.3. Remove and install (R&I)											
A19.8.4.3.3.3.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.4.3.3.3.2. Components								-	-	-	-
A19.8.4.3.3.4. Troubleshoot								-	-	-	-
A19.8.4.3.4. Electronic Control Amplifier (ECA)											
A19.8.4.3.4.1. Perform operational check								-	-	-	-
A19.8.4.3.4.2. Perform Alignment								-	-	-	-
A19.8.4.3.4.3. Remove and install (R&I))											
A19.8.4.3.4.3.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.4.3.4.3.2. Components								-	-	-	-
A19.8.4.3.4.4. Troubleshoot								-	-	-	-
A19.8.4.3.5. Infrared Set Control											
A19.8.4.3.5.1. Perform operational check								-	-	-	-
A19.8.4.3.5.2. Perform Alignment								-	-	-	-
A19.8.4.3.5.3 Remove and install (R&I))											
A19.8.4.3.5.3.1. Shop Replaceable Units (SRU)								-	-	-	-
A19.8.4.3.5.3.2. Components								-	-	-	-
A19.8.4.3.5.4. Troubleshoot								-	-	-	-
A19.8.4.3.6. Infrared Mount Base											
A19.8.4.3.6.1. Perform operational check								-	-	-	-
A19.8.4.3.6.2. Remove and install (R&I))											

# SOF TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crse	(1) CDC	(1) Crse (2) CDC
A19.8.4.3.6.2.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.4.3.6.2.2. Components								-	-	-
A19.8.4.3.7. FLIR Position Indicator (FPI) TR: Applicable T.O. and Local Checklist										
A19.8.4.3.7.1. Perform operational check								-	-	-
A19.8.4.3.7.2. Perform Alignment								-	-	-
A19.8.4.3.7.3. Remove and install (R&I)										
A19.8.4.3.7.3.1. Shop Replaceable Units (SRU)								-	-	-
A19.8.4.3.7.3.2. Components								-	-	-
A19.8.4.3.7.4. Troubleshoot								-	-	-
A19.8.4.4. AN/AVQ-19/19A Laser Target Designator/Ranger (LTD/R) TR: 11F1-1-101										
A19.8.4.4.1. Perform operational check										
A19.8.4.4.1.1. Receiver/Transmitter								-	-	-
A19.8.4.4.1.2. Power Supply Unit								-	-	-
A19.8.4.4.1.3. Control Indicator Unit								-	-	-
A19.8.4.4.2. Align Receiver/Transmitter								-	-	-
A19.8.4.4.3. Remove and install (R&I)										
A19.8.4.4.3.1. Receiver/Transmitter								-	-	-
A19.8.4.4.3.2. Power Supply Unit								-	-	-
A19.8.4.4.3.3. Control Indicator Unit								-	-	-
A19.8.4.4.4. Troubleshoot										
A19.8.4.4.4.1. Receiver/Transmitter								-	-	-
A19.8.4.4.4.2. Power Supply Unit								-	-	-
A19.8.4.4.4.3. Control Indicator Unit								-	-	-
A19.8.4.4.4.5. Perform LTD/R Purge Procedures								-	-	-

Change 1 (Corrected) -Attachment 19



# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs (2) CDC

## ATTACHMENT 20 (Electronic Principles Training Requirements)

NOTE 1: This attachment identifies the Air Force standardized STS Electronic Fundamentals and applications STS entries.

NOTE 2: Only those items in column 4A that have proficiency level codes are trained in the Electronic Principles portion of the course.

NOTE 3: Users may annotate additional devices or circuits not identified by this attachment that are specific to their AFSC IAW AFI 36-2201.

NOTE 4: All course requirements are trained in the 3-level resident wartime course.

NOTE 5: STS elements shown in parentheses in column 4A are taught to the designated level in course J3ABR2A533A 003, Communication/ Navigation/ Mission Systems Apprentice, at Sheppard AFB TX.

A20.1. BASIC TERMS TR: 31-1-141-2, -5										
A20.1.1. Metric Notation								B	-	-
A20.1.2. Direct Current (DC) terms								B	-	-
A20.1.3. Alternating Current (AC) terms								B	-	-
A20.2. BASIC CIRCUITS TR: 31-1-141-2, -5										
A20.2.1. Theory of Operation								B	-	-
A20.2.2. Troubleshoot Circuits								2b	-	-
A20.3. BASIC CIRCUIT CALCULATIONS TR: 31-1-141-5										
A20.3.1. DC								B	-	-
A20.3.2. AC								B	-	-
A20.4. RESISTORS TR: 31-1-141-2, -15										
A20.4.1. Theory of Operation								B	-	-
A20.4.2. Color code								A	-	-
A20.4.3. Isolate faulty resistors								2b	-	-
A20.5. RELAYS/SOLENOIDS TR: 31-1-141-2, -3										
A20.5.1. Relay Theory of Operation								B	-	-
A20.5.2. Isolate faulty relays								2b	-	-
A20.6. INDUCTORS TR: 31-1-141-2, -15										

Change 1 (Corrected) – Attachment 20

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs (2) CDC
A20.6.1. Theory of Operation								B	-	-
A20.6.2. Isolate faulty inductors								2b	-	-
A20.6.3. Calculations								-	-	-
A20.7. CAPACITORS TR: 31-1-141-2, -5, -15										
A20.7.1. Theory of Operation								B	-	-
A20.7.2. Isolate faulty capacitors								2b	-	-
A20.7.3. Calculations								-	-	-
A20.7.4. Color code								-	-	-
A20.8. TRANSFORMERS TR: 31-1-141-2, -5, -15										
A20.8.1. Theory of Operation								B	-	-
A20.8.2. Isolate faulty transformers								2b	-	-
A20.9. THREE PHASE TRANSFORMERS TR: 31-1-141-2, -15										
A20.9.1. Theory of Operation								B	-	-
A20.9.2. Isolate faulty three phase transformers								-	-	-
A20.10. DC MOTORS TR: 31-1-141-2, -9										
A20.10.1. Theory of Operation								B	-	-
A20.10.2. Troubleshoot DC motors								-	-	-
A20.11. AC MOTORS TR: 31-1-141-2, -9										
A20.11.1. Theory of Operation								B	-	-
A20.11.2. Trouble shoot AC motors								-	-	-
A20.12. DC GENERATORS TR: 31-1-141-2, -9, -13										
A20.12.1. Theory of Operation								B	-	-

Change 1 (Corrected) – Attachment 20

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.12.2 Troubleshoot DC generators								-	-	-	-
A20.13. AC GENERATORS TR: 31-1-141-2, -9, -13											
A20.13.1. Theory of Operation								B	-	-	-
A20.13.2. Troubleshoot AC generators								-	-	-	-
A20.14. SYNCHRO/SERVOS TR: 31-1-141-2, -9											
A20.14.1. Theory of Operation								B	-	-	-
A20.14.2. Troubleshoot synchro/servos								-	-	-	-
A20.15. TRANSDUCERS TR: 31-1-141-3, -14											
A20.15.1. Theory of Operation								B	-	-	-
A20.15.2. Isolate faulty transducers								-	-	-	-
A20.16. SOLID STATE DIODES TR: 31-1-141-4, -15											
A20.16.1. Theory of Operation								B	-	-	-
A20.16.2. Isolate faulty solid state diodes								2b	-	-	-
A20.16.3. Specifications								-	-	-	-
A20.16.4. Color code								-	-	-	-
A20.17. BIPOLAR JUNCTION TRANSISTORS TR: 31-1-141-4											
A20.17.1. Theory of Operation								B	-	-	-
A20.17.2. Isolate faulty transistors								-	-	-	-
A20.17.3. Specifications								-	-	-	-
A20.18. INTEGRATED CIRCUITS TR: 31-1-141-4											
A20.18.1. Familiarization								B	-	-	-
A20.18.2. Isolate faulty integrated circuits								-	-	-	-

Change 1 (Corrected) – Attachment 20

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A 5	B 7	A Training Start	B Training Complete	C Trainee Initials	D Trainer Initials	E Certifier Initials	A 3 Skill Level (1) Crs	B 5 Skill Level (1) CDC	C 7 Skill Level (1) Crs (2) CDC
A20.18.3. Specifications								-	-	-
A20.19. SOLID STATE SPECIAL PURPOSE DEVICES TR: 31-1-141-4										
A20.19.1. Theory of Operation								B	-	-
A20.19.2. Silicon Controlled Rectifier (SCR)								-	-	-
A20.19.3. Zener diode								B	-	-
A20.19.4. Tunnel diode								-	-	-
A20.19.5. Light Emitting Diode (LED)								B	-	-
A20.19.6. Liquid Crystal Diode (LCD)								B	-	-
A20.19.7. Unijunction Transistor (UJT)								-	-	-
A20.19.8. Junction Field Effect Transistor (JFET)								-	-	-
A20.19.9. Metal Oxide Semi-Conductor Field Effect Transistor (MOSFET)								-	-	-
A20.19.10. Isolate faulty special purpose devices								-	-	-
A20.20. CATHODE RAY TUBES (CRT) TR: 31-1-141-1, -3										
A20.20.1. Theory of Operation								(A)	-	-
A20.20.2. Isolate faulty CRTs								-	-	-
A20.21. SOLDER/DESOLDER TR: 00-25-234, 1-1A-14, 31-1-141-15										
A20.21.1. Terminal connections								2b	-	-
A20.21.2. Printed Circuit (PC) boards								2b	-	-
A20.21.3. Multipin connectors								2b	-	-
A20.21.4. Coaxial connectors								2b	-	-
A20.21.5. Pot connectors								-	-	-
A20.22. ASSEMBLE/DISASSEMBLE SOLDERLESS CONNECTORS										

Change 1 (Corrected) – Attachment 20

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	A 5	B 7	A Training Start	B Training Complete	C Trainee Initials	D Trainer Initials	E Certifier Initials	(1) Crs (3c)	(1) CDC -	(1) Crs -
TR: 1-1A-14, 31-1-141-15										
A20.22.1. Crimp connections	*								-	-
A20.22.2. Coaxial connections	*							(3c)	-	-
A20.22.3. Multipin connections	*							2b	-	-
A20.23. USE TEST EQUIPMENT TR: 31-1-141-1, -7, -8, -9, -10										
A20.23.1. Analog multimeter								2b	-	-
A20.23.2. Oscilloscope								(2b)	-	-
A20.23.3 Signal Generator								-	-	-
A20.23.4. Frequency counter								-	-	-
A20.23.5. Spectrum Analyzer								-	-	-
A20.23.6. Field Strength Tester								-	-	-
A20.23.7. Digital multimeter	*							(3c)	-	-
A20.23.8. Digital logic probe								-	-	-
A20.23.9. Capacitor tester								-	-	-
A20.23.10. Capacitor substitution box								-	-	-
A20.23.11. Logic current tracer								-	-	-
A20.23.12. Logic analyzer								-	-	-
A20.23.13. Signature analyzer								-	-	-
A20.23.14. Time Domain Reflectometer	*							(2b)	B (3c)	-
<b>A20.23.15. Serial Bus Analyzer</b>								<b>2b</b>	-	-
A20.23.16. Bonding Meter								(2b)	-	-
A20.24. TRANSISTOR AMPLIFIER CIRCUITS TR: 31-1-141-1, -4										
A20.24.1 Theory of Operation										

Change 1 (Corrected) – Attachment 20

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.24.1.1. Amplifier circuits								-	-	-	-
A20.24.1.2. Stabilization circuits								-	-	-	-
A20.24.1.3. Coupling circuits								-	-	-	-
A20.24.1.4. Troubleshoot circuits								-	-	-	-
A20.25. OPERATIONAL AMPLIFIERS(OP AMPS) TR: 31-1-141-4											
A20.25.1. Theory of Operation								-	-	-	-
A20.25.2. Isolate faulty operational amplifiers								-	-	-	-
A20.26. POWER SUPPLY CIRCUITS TR: 31-1-141-3, -4, -9, -15											
A20.26.1. Theory of Operation											
A20.26.1.1. Rectifiers								B	-	-	-
A20.26.1.2. Filters								B	-	-	-
A20.26.2. Troubleshoot circuits								-	-	-	-
A20.27. VOLTAGE REGULATORS TR: 31-1-141-3, -4											
A20.27.1. Theory of Operation								B	-	-	-
A20.27.2 Troubleshoot circuits								-	-	-	-
A20.28. RESISTIVE/CAPACITIVE/INDUCTIVE (RCL) CIRCUITS TR: 31-1-141-2, -5											
A20.28.1. Basic operation								-	-	-	-
A20.28.2. Resonant operation								-	-	-	-
A20.28.3. Troubleshoot circuits								-	-	-	-
A20.29. FREQUENCY SENSITIVE FILTERS TR: 31-1-141-2											
A20.29.1. Theory of Operation								B	-	-	-

Change 1 (Corrected) – Attachment 20

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs (2) CDC
A20.29.2. Troubleshoot circuits								-	-	-
A20.29.3. Calculations								-	-	-
A20.30. WAVE GENERATION CIRCUITS TR: 31-1-141-3, -4, -10										
A20.30.1. Theory of Operation										
A20.30.1.1. Oscillators								B	-	-
A20.30.1.2. Multivibrators								B	-	-
A20.30.1.3. Waveshaping circuits								B	-	-
A20.30.2. Troubleshoot circuits								-	-	-
A20.31. LIMITER CIRCUITS TR: 31-1-141-4										
A20.31.1. Theory of Operation										
A20.31.1.1. Diode								B	-	-
A20.31.1.2. Zener diode								B	-	-
A20.31.1.3. Transistor								B	-	-
A20.31.2. Troubleshoot circuits								-	-	-
A20.32. CLAMPER CIRCUITS										
A20.32.1. Theory of Operation								-	-	-
A20.32.2. Troubleshoot circuits								-	-	-
A20.33. DIGITAL NUMBERING SYSTEMS TR: 31-1-141-5										
A20.33.1. Conversion										
A20.33.1.1. Binary								B	B	-
A20.33.1.2. Octal								B	B	-
A20.33.1.3. Hexadecimal								B	B	-

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)		
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level
1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs (2) CDC
A20.33.2. Math operations										
A20.33.2.1. Binary								B	B	-
A20.33.2.2. Octal								B	B	-
A20.33.2.3. Hexadecimal								B	B	-
A20.33.3. Binary code systems								B	B	-
A20.34. DIGITAL LOGIC FUNCTIONS TR: 31-1-141-4, -9										
A20.34.1. Theory of Operation										
A20.34.1.1. Main Logic Gates								B	B	-
A20.34.1.2. Flip-Flops								B	-	-
A20.34.2. Troubleshoot circuits								-	-	-
A20.34.3. Logic families										
A20.34.3.1. Transistor to Transistor Logic (TTL)								-	-	-
A20.34.3.2. Complementary Metal Oxide Semi-Conductor (CMOS)								B	-	-
A20.35. BOOLEAN EQUATIONS TR: 31-1-141-5										
A20.35.1. Diagram to equation								(B)	B	-
A20.35.2. Equation to diagram								(B)	B	-
A20.35.3. Simplify expressions								-	-	-
A20.36. COMPUTERS TR: 31-1-141-6C, -9										
A20.36.1. Computer Theory								B	-	-
A20.36.2. Software										
A20.36.2.1. Operating system								B	-	-
A20.36.2.2. Virus protection								B	-	-

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.36.2.3. Diagnostics								B	-	-	-
A20.36.2.4. Applications								B	-	-	-
A20.36.2.5. Load programs								-	-	-	-
A20.36.3. Write and debug programs								-	-	-	-
A20.36.4. Isolate faulty major computer units								-	-	-	-
A20.36.5. Troubleshoot subassemblies/circuits								-	-	-	-
A20.36.6. Types of memories								-	-	-	-
A20.36.7. Peripheral devices								B	-	-	-
A20.36.8. Programming languages								-	-	-	-
A20.37. MICROPROCESSOR CONTROLLED SYSTEMS TR: 31-1-141-6C, -9											
A20.37.1 Theory of Operation											
A20.37.1.1. Basic								-	-	-	-
A20.37.1.2. Universal								-	-	-	-
A20.37.1.3. 8085 Specific								-	-	-	-
A20.37.2. Isolate faulty microprocessors								-	-	-	-
A20.38. LOGIC CIRCUITS TR: 31-1-141-3, -5, -9, -13											
A20.38.1. Theory of Operation											
A20.38.1.1. Counters								-	-	-	-
A20.38.1.2. Registers								-	-	-	-
A20.38.1.3. Combination logic circuits								-	-	-	-
A20.38.2. Troubleshoot circuits								-	-	-	-
A20.39. DIGITAL TO ANALOG AND ANALOG TO DIGITAL CONVERTERS TR: 31-1-141-13											

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# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.39.1 Theory of Operation								A	-	-	-
A20.39.2. Isolate faulty converters								-	-	-	-
A20.40. TRANSMISSION LINES TR: 31-1-141-7, -8, -9, -11											
A20.40.1. Theory of Operation								B	B	-	-
A20.40.2. Perform measurements								-	-	-	-
A20.40.3. Calculations								-	-	-	-
A20.40.4. Isolate faulty transmission lines								-	-	-	-
A20.41. WAVEGUIDES TR: 31-1-141-9, -11											
A20.41.1. Theory of Operation								B	B	-	-
A20.41.2. Fault isolation								-	-	-	-
A20.42. MICROWAVE OSCILLATORS AND AMPLIFIERS TR: 31-1-141-3, -10, -11											
A20.42.1. Theory of Operation								-	-	-	-
A20.42.2. Tune or adjust								-	-	-	-
A20.42.3. Isolate faulty microwave oscillators and amplifiers								-	-	-	-
A20.43. RESONANT CAVITIES TR: 31-1-141-3, -9, -11											
A20.43.1. Theory of Operation								-	-	-	-
A20.43.2. Isolate faulty resonant cavities								-	-	-	-
A20.43.3. Tune or adjust								-	-	-	-
A20.44. TRANSMITTERS TR: 31-1-141-4, -9, -13											
A20.44.1. Theory of Operation											
A20.44.1.1. Amplitude Modulation								B	B	-	-

# ELECTRONIC PRINCIPLES TRAINING REQUIREMENTS

2A5X3A

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Notes)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Crs	(1) CDC	(1) Crs	(2) CDC
A20.44.1.2. Frequency Modulation								B	B	-	-
A20.44.1.3. Single Side Band								(B)	B	-	-
A20.44.1.4. Pulse Modulation								(B)	B	-	-
A20.44.2. Troubleshoot circuits								-	-	-	-
A20.45. RECEIVERS TR: 31-1-141-4, -9, -13											
A20.45.1. Theory of Operation											
A20.45.1.1. Amplitude Modulation								B	B	-	-
A20.45.1.2. Frequency Modulation								B	B	-	-
A20.45.1.3. Single Side Band								(B)	B	-	-
A20.45.1.4. Pulse Modulation								(B)	B	-	-
A20.45.2. Troubleshoot circuits								-	-	-	-
A20.46. ANTENNAS TR: 31-1-141-12											
A20.46.1. Theory of Operation								B	B	-	-
A20.46.2. Perform alignments								-	-	-	-
A20.46.3. Isolate faulty antennas								-	-	-	-
A20.47. SUPPORT SUBJECTS TR: 31-1-141-1, 00-25-234 AFR 80-23, 700-13											
A20.47.1. Electronics safety								B	-	-	-
A20.47.2. First aid for electrical shock								B	-	-	-
A20.47.3. Electrostatic discharge (ESD) control								B	-	-	-
A20.47.4. Electromagnetic effects on electronic equipment											
A20.47.4.1. Pulse (EMP)								B	-	-	-
A20.47.4.2. Interference (EMI)								B	-	-	-

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## **SECTION B - COURSE OBJECTIVE LIST**

**1. Measurement:** Each proficiency code STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is composed of a condition, behavior, and standard; which states what is expected of the student for each task. The condition is the setting in which the training takes place)(i.e. technical orders, type of equipment, etc.). The behavior is the observable portion of the objective (I.e. perform an operational check). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter code(s) to identify how it is measured. All objectives use the PC code(s), which indicates a progress check is used to measure subject or task knowledge. W indicates a comprehensive written test and is used to measure the subject or task knowledge at the end of a block of instruction. PC/W indicates a subject or task knowledge progress check and a separate measurement of both knowledge and performance elements using a written test.

**2. Standard:** The standard of written examinations is 65% to 72%, depending on the number of questions on the test. Standards of performance are indicated in the objective and are also indicated on the individual progress check checklist. The checklist is used by the instructor to document each student's progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

**3. Proficiency Level:** Review column 4A of the STS to determine the proficiency level of a particular task or knowledge item. Review the course objective list to determine which STS item the objective supports. Review the proficiency code key in Part II, Section A of this CFETP for an explanation of the proficiency codes. Most task performance is taught to the '2b' proficiency level which means the students can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step-by-step procedures for doing the task. For tasks that are taught to the '3c' proficiency level, students can do all parts of the task and only require a spot check on completed work (competent). The student can also identify why and when a task must be done and why each step is needed.

**4. Course Objectives:** A detailed listing of initial skills or craftsman course objectives may be obtained by submitting a written request to the AETC Training Manager, 365 TRS/TRR, 609th Ave., Stop 22, Sheppard AFB TX 76311-2335.

## **SECTION C - SUPPORT MATERIAL:**

**1.** The following list of support materials is not inclusive; however, it covers the most frequently referenced areas. For further information on the following courses, contact the OPR at:

333 TRS/TTCQS  
601 D Street  
Keesler AFB, MS 39534-2229  
DSN 597-5893

782 TRG  
826 Avenue G Suite 4  
Sheppard AFB TX 76311-2867  
DSN 736-2578

362 TRS/TRR  
613 10th Street  
Sheppard AFB TX 76311-2352  
DSN 736-2996

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>
J6ANU00066-044	General Technical Order Systems	362 TRS
J6ANU00066-045	Advanced Technical Order Systems	362 TRS

\*\*These courses are Computer Based Training (CBT), and may be requested as any other course.

## **SECTION D - TRAINING COURSE INDEX**

**1. Purpose:** This section of the CFETP identifies training courses available for the Communication/Navigation/Mission Systems specialty, and shows how the courses are used by each MAJCOM in their career field training programs. For further information on the following courses, contact the OPR at:

365 TRS/TRR  
609 9th Avenue  
Sheppard AFB TX 76311-2335  
DSN 736-7899

### **2. Air Force In-Resident Courses:**

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>User</b>
J3ABR2A533A 003	Communication/Navigation/Mission Systems Apprentice	365 TRS	AF, ANG, ARC
J3ACR2A573 001	Craftsman Avionics Course	365 TRS	AF, ANG, ARC

### **3. Air Force Institute for Advanced Distributed Learning (AFIADL) Courses:**

365 TRS/TRR  
609 9th Avenue  
Sheppard AFB, TX 76311-2335  
DSN 736-7899

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>User</b>
CDC 2A55A	Communication/Navigation/Mission Systems Journeyman	365 TRS	AF, ANG, ARC
CDC 2AX7X	Aerospace Maintenance Craftsman	362 TRS	AF, ANG, ARC

### **4. Exportable Courses:**

For further information on the following exportable courses, contact the OPRs at:

367 TRSS	362 TRS
6058 Aspen Avenue	613 10th Avenue
Hill AFB UT 84056-5805	Sheppard AFB, TX 76311-2352
DSN 777-7830/0150	DSN 736-5206

The following Interactive Courseware (ICW) is available from, or under development by 367 TRSS at Hill AFB Utah. To obtain more information about each course, request a copy of the Courseware Catalog from

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the DSN 777-0150. To request ordering information on hardware, your MAJCOM training POC (for ACC, AMC, and ANG) is the first stop. For personnel under other Modicums, you contact them directly; they will provide you the information required for purchasing the item through them. If you decide to purchase the system, they will FAX you the AF Form 616 to use for an example. The Hill AFB course catalog can be ordered from DSN 777-0150.

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
<b>B-1 Programs</b>			
C6AGM01JIV0005	<b>B-1B CITS Parameter Monitor Codes</b>	367 TRSS	AF
C6AGM01JIV0006	<b>B-1B CITS Maintenance Codes</b>	367 TRSS	AF
C6AGM01CIV0016	<b>B-1B Emergency Ground Egress</b>	367 TRSS	AF
C6AGM01JIV0038	<b>Hardness Critical Procedures (HCP) Checks</b>	367 TRSS	AF
C6AGM01CIV0052	<b>B-1B Hazard Zones</b>	367 TRSS	AF
C6AGM01CIV1000	<b>B-1B Towing Operation</b>	367 TRSS	AF
C6AGM01JIV1134	<b>B-1B Fasteners and Related Hardware</b>	367 TRSS	AF
C6AGM01JIV5501	<b>B-1B CITS Ground Readiness Test</b>	367 TRSS	AF
C6AGM01JIV1100	<b>B-1B Panel Types, Location, and Construction</b>	367 TRSS	AF
C6AGM01JIV4300	<b>B-1B EMUX</b>	367 TRSS	AF
C6AZM01CPB2400	<b>B-1B Auxiliary Power Unit Operation</b>	367 TRSS	AF
C6AWM01CPB5551	<b>B-1B General Aircraft Information/Command Aircraft Systems Training (CAST)</b>	367 TRSS	AF
C6AGM01CPB0099	<b>B-1B Handbook</b>	367 TRSS	AF
C6AZM01CPB8900	<b>B-1B Crew Chief Reference Book</b>	367 TRSS	AF
C6AWM01CPR8903	<b>B-1B CITS/CDDS/EMUX Operation</b>	367 TRSS	AF
C6AGM01CIV1615	<b>B-1B Egress System Safety</b>	367 TRSS	AF
C6AGM01JIV4600	<b>B-1B Fuel/Control Gravity Mgt. (FCGMS)</b>	367 TRSS	AF
C6AGM01CIV1001	<b>B-1B Safe for Maintenance</b>	367 TRSS	AF
<b>B-52</b>			
C6AZM52CPB0099	<b>B-52H Handbook</b>	367 TRSS	AF
C6AZM52CPB0330	<b>Hourly Post Flight and Drag Chute Installation</b>	367 TRSS	AF
C6AZM52CPB0419	<b>B-52H Panel &amp; Secondary Structure Inspection</b>	367 TRSS	AF
C6AZM52CPB0419	<b>B-52H Panel &amp; Secondary Structure Inspection</b>	367 TRSS	AF
C6AZM52CPB1000	<b>B-52H Tow Supervisor</b>	367 TRSS	AF
C6AZM52CPB1001	<b>B-52H Servicing</b>	367 TRSS	AF
C6AZM52CPB1002	<b>B-52H LOX Servicing and Draining</b>	367 TRSS	AF
C6AQM52CPB2300	<b>B-52H Engine Run Supervisor</b>	367 TRSS	AF
C6AZM52CPB46BO	<b>B-52H Refuel Operation</b>	367 TRSS	AF
C6AZM52CPB5271	<b>B-52H command Aircraft Systems Training (CAST)</b>	367 TRSS	AF
A6AKM30TVT0001	<b>C-130 Ground Emergency Escape</b>	367 TRSS	AF
A6AKM305V50100	<b>C-130 Tow Training</b>	367 TRSS	AF

Course Number	Course Title	OPR	USER
<b>General Programs</b>			
Z6AGM00TCB0002	Multimeter Familiarization	367 TRSS	AF
C6AGM00TIV0002	Aerospace Ground Equipment	367 TRSS	AF
C6AGM00QIV1000	Aircraft Marshaling	367 TRSS	AF
C6ANU00TVT7506	Combat Sortie Generation	367 TRSS	AF
C6AGM00SIV8971	-86 Diesel Power Unit Operation	367 TRSS	AF
Z6AKM00QIV0009	Torque Wrench Familiarization	367 TRSS	AF
A6AGU00TIV0033	DS Familiarization	367 TRSS	AF
C6ANU0TIV1000	Oxygen Safe Handling	367 TRSS	AF
C6AK016TVT0001	Maintenance on Explosive Loaded Aircraft	367 TRSS	AF
C5AKM00TVT0000	FOD Prevention	367 TRSS	AF
C5AKM00TIV0001	Troubleshooting Techniques	367 TRSS	AF
A6ANU00TIV1001	Production Team Maintenance, Volume 1: General	367 TRSS	AF
A6ANU00TIV1002	Production Team Maintenance, Volume 2: Apply/Disconnect External Electrical Power	367 TRSS	AF
A6ANU00TIV1003	Production Team Maintenance, Volume 3: Aircraft Towing Member	367 TRSS	AF
A6ANU00TIV1004	Production Team Maintenance, Volume 4: Aircraft Jacking Member	367 TRSS	AF
A6ANU00TIV1005	Production Team Maintenance, Volume 5: Open and Close Engine Cowling	367 TRSS	AF
A6ANU00TIV1006	Production Team Maintenance, Volume 6: Aircraft Interphone System	367 TRSS	AF
A6ANU00TIV1007	Production Team Maintenance, Volume 7: Aircraft Egress	367 TRSS	AF
A6ANU00TIV1008	Production Team Maintenance, Volume 8: Aircraft Familiarization	367 TRSS	AF
A6ANU00TIV1009	Production Team Maintenance, Volume 9: Remove/Install Aircraft Maintenance Panels	367 TRSS	AF
A6ANU00TIV1010	Production Team Maintenance, Volume 10: Aircraft Refuel/Defuel Member	367 TRSS	AF
<b>General Programs</b>			
Z6ANU00TCBAQN0	Nitrogen Cart Operation	367 TRSS	AF
A6AKM00TVTAG05	Aircraft Deicing Using the TM-1800 Landoll Deicer	367 TRSS	AF
C5AKM00TVT0001	Safety and Radio Frequency Radiation	367 TRSS	AF
A5AKM00TVT0002	Automatic Communications Processor Operations	367 TRSS	AF
C6AKM00TVT0003	Flightline Fire Extinguisher Training Pt. 1&2	367 TRSS	AF
C5AKM00TVT0011	Cold Weather Safety	367 TRSS	AF
Z6AKM00TVT4700	Aircraft Liquid Oxygen Servicing	367 TRSS	AF
A6ANU00TIV0691	Aerospace Corrosion Prevention & Control	367 TRSS	AF
C6ANU00TVT0001	Aircraft Wash Procedures	367 TRSS	AF
A6ANU00TIV2800	Aircraft Schematic Diagram Familiarization	367 TRSS	AF

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<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
<b>KC-135 Programs</b>			
<b>C6AN035TIV1100</b>	<b>135 Emergency Ground Egress Training</b>	<b>367 TRSS</b>	<b>AF</b>
<b>CAMS Programs</b>			
<b>J6ANU00066 043</b>	<b>CAMS for Flightline and Backshop</b>	<b>362 TRS</b>	<b>AF</b>

## **5. Training Detachment (TD) Courses:**

For further information on the TD courses, contact the OPRs at:

372 TRS 912 I Ave., Suite 3 Sheppard AFB TX 76311-2361 DSN 736-4801	373 TRS 912 I Ave, Suite 3 Sheppard AFB TX 76311-2361 DSN 736-4750
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<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
<b>J4ASF2A5X2-083 (DIG)</b>	<b>C-17 Communication and Navigation Systems</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4XX-003 (I9P)</b>	<b>C-17 Global Air Traffic Management (GATM) System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-112</b>	<b>E-8C Comm/Nav Sys Technician</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-009 (4WM)</b>	<b>AN/ARC-164 "Have Quick/II" UHF Communications Systems</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-011 (YBW)</b>	<b>AN/APN-59 Radar System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-012 (7YU)</b>	<b>AN/APN-169C Station Keeping Equipment</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-013 (JXU)</b>	<b>AN/APX-72 IFF Systems</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-015 (3A9)</b>	<b>AN/ARN-118(V) TACAN System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-028 (WK6)</b>	<b>C-130 Beacon Tracking Radar System (AN/APQ-150A)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-050 (5IV)</b>	<b>MC-130H Combat Talon II AN/APQ-170 Radar System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-015 (3A9)</b>	<b>AN/ARN-118(V) TACAN System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-028 (WK6)</b>	<b>C-130 Beacon Tracking Radar System (AN/APQ-150A)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A1X3-053 (I1G)</b>	<b>AC-130U Strike Radar, AN/APQ-180 (O Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X1-013 (LD9)</b>	<b>MH-53J Enhanced Navigation System (ENS) (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X1-095 (FJA)</b>	<b>MH-53M Interactive Defensive Avionics System (IDAS)</b>	<b>373 TRS</b>	<b>AF</b>

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
<b>J4ASF2A4X2-000 (I2A)</b>	<b>RSAF KC-135 Radio Communication</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-003 (3KG)</b>	<b>KC-10A Communication and Navigation Systems Craftsman (NAV/OM)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-004 (9PC)</b>	<b>C-130 Self-Contained Navigation System (SCNS) Technician</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-009 (NWR)</b>	<b>MC-130H Communication and Navigation Systems (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-029 (X2V)</b>	<b>AC-130H Communication/ Navigation/Radar Systems Maintenance (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-035 (X4Z)</b>	<b>MC-130E Combat Talon I Communication and Navigation Systems (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-060 (1DI)</b>	<b>MH-53J/M Communication/Navigation Systems Craftsman (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-061 (1C5)</b>	<b>MC-130N/P Communication/ Navigation/Radar Systems (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-064 (3IR)</b>	<b>C-130 Radar (AN/APQ-175/AWADS) System (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-068 (1EI)</b>	<b>HH/MH-60G Communication/ Navigation Systems Craftsman (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X20071 (42Q)</b>	<b>C-141 Station Keeping Equipment (SKE) System Technician (O/M Level)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-074 (81I)</b>	<b>HH/MH-60G Enhanced Navigation (CPS-NU) and FLIR Systems (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-079 (9Q1)</b>	<b>AC-130U Communication/Navigation Systems (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-081 (CI1)</b>	<b>OC/RC-135 Navigation Maintenance Craftsman Combat Readiness Training (CRT)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-083 (D1G)</b>	<b>C-17 Communication and Navigation System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-084 (D1I)</b>	<b>( C-135 Avionics Communication/ Navigation Troubleshooting Course</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-086 (G5I)</b>	<b>OC/RC-135 Avionics Radar System Maintenance Craftsman (CRT)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-087 (G6I)</b>	<b>OC/RC Avionics Communication System Maintenance Craftsman (CRT)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-088 (EI3)</b>	<b>E-4B MILSTAR System Familiarization Course (O/M)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-090 (EI1)</b>	<b>E-4B Message Processing System (MPS) Familiarization Course (O/M)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-096 (AOK)</b>	<b>C-141B Communication System Troubleshooting (O/M)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-097 (AOL)</b>	<b>C-141B Navigation System Troubleshooting (O/M)</b>	<b>373 TRS</b>	<b>AF</b>

Change 1 (Corrected)

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
<b>J4ASF2A4X2-098 9A4O)</b>	<b>3C-130 AN/USC-48 Airborne Battlefield Command Control Center III Maintenance (O/M)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-102 (E4O)</b>	<b>E-4B Communication Patch Facilities and Test Facilities Familiarization (O/M)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-103 (EOF)</b>	<b>E-4B Multiplexer and Switchboard Systems Familiarization Course (O Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-104 (EOG)</b>	<b>E-4B Secure Voice Switch Systems Maintenance Familiarization Course (O Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4ASF2A4X2-105 (CO3)</b>	<b>C-130J Communication/Navigation Systems Craftsman (O-Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-106 (I6S)</b>	<b>KC-10A Communications Advanced Course Troubleshooting</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-107 (I6T)</b>	<b>KC-10A Navigation Advanced Course Troubleshooting</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-108 (RCO)</b>	<b>RC-135 AN/ASC-19(V) AFSATCOM (O/M) Craftsman</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-110</b>	<b>E-3 Communications System Craftsman (O Maintenance )</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-111 (I3M)</b>	<b>E-3 Avionics Navigational Aids Journeyman, Flight Avionics System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-112 (I3P)</b>	<b>E-8C Communication/Navigation</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-113 (I2R)</b>	<b>KC-10A Communication System Craftsman (O/M)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-114 (I23)</b>	<b>C/KC-135 ARC 210 Radio System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-116 (K84)</b>	<b>ADIS/HF With ACS Radio/Emergency Locator Transmitter</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-117 (K99)</b>	<b>KC-135 Communications/Navigation Pacer Crag Block 30 Differences</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-118 (BOF)</b>	<b>C-130 Traffic Collision Avoidance System (TCAS) (O Maintenance)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-119 (KIC)</b>	<b>KC-135 Receiver/Transmitter Communication/ Navigation System Craftsman (Transition)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-120 (KON)</b>	<b>KC-10 Communication and Navigation System Transition</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-122 (I6H)</b>	<b>E-4B ARC-171 High Power UHF Radio System and Airborne Performance Monitor (APM)</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A4X2-140 (ITN)</b>	<b>E-4B Very Low Frequency/Low Frequency (VLF/LF) System</b>	<b>373 TRS</b>	<b>AF</b>
<b>J4AST2A5X3-000 (2IQ)</b>	<b>B-2 Avionics System (Common Core) Certification Training</b>	<b>373 TRS</b>	<b>AF</b>

Change 1 (Corrected)

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
J4AST2A5X3A-000 (7KP)	B-1B Avionics Systems (OAS/Radars)	373 TRS	AF
J4AST2A5X3A-009 (I2J)	B-1B Avionics Systems (Com/Nav)	373 TRS	AF
J4AST2A5X3A-010 (I2K)	B-1B Avionics Systems (OAS/ Computers)	373 TRS	AF
J4AST2A5X3A-011 (I2L)	B-1B Avionics Systems (EMUX)	373 TRS	AF
J4ASF2A5X3A-012 (BOL)	B-52H Aircraft Bomb-Nav Organizational Maintenance	373 TRS	AF
J4ASF2A5X3A-099 (AMO)	B-52H Aircraft Communication Navigation System Maintenance	373 TRS	AF
J4ASF30000-022	Basic Soldering Techniques	373 TRS	AF

## 6. Courses Under Development/Revision:

367 TRSS  
6058 Aspen Avenue  
Hill AFB UT 84056-5805  
DSN 777-7830/8741

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
15AWS00TPB1000	Airframe and Powerplant Qualification Training Package (QTP)	367 TRSS	AF

## **SECTION E - MAJCOM UNIQUE REQUIREMENTS**

- Currently only air Combat command has a MAJCOM mandatory course list (MMCL). MAJCOMs change mandatory course requirements occasionally. Up-to-date ACC requirements can be obtained at <https://lg.acc.af.mil/lgq/lgqt/NEWLGQTHOME.htm>. After access, click on "training" and then on MMCL". Refer to the HQ ACC MMCL for additional information. The below requirements are current as of 19 March 2001.

<b>Course Number</b>	<b>Course Title</b>	<b>OPR</b>	<b>USER</b>
<b>B-1B Programs</b>			
2A5X3A-000	Offensive Avionics System Craftsman (Radar)	ACC	AF
2A4X3A-009	Avionics Sys (Comm/Nav)	ACC	AF
2A5X3A-010	Offensive Avionics System (OAS/Comp)	ACC	AF
2A5X3A-011	Offensive Avionics System (EMUX)/KAPTON Wire)	ACC	AF
<b>B-2 Programs</b>			
2A5X3A-100	B-2 Avionics Sys Craftsman (COMM/NAV Mission Systems)	ACC	AF
<b>B-52 Programs</b>			
2A5X3A-012	B-52 Aircraft Bomb NAV Maint	ACC	AF
2A5X3A-099	B-52 Acft COMM/NAV Sys Maint	ACC	AF

Change 1 (Corrected)

Course Number	Course Title	OPR	USER
<b>C-130 Programs</b>			
2A4X2-004	<b>Self Contained Navigation Sys (SCNS)</b>	ACC	AF
2A4X2-094	<b>C-130 AN/APN-59 Radar System Maint</b>	ACC	AF
2A4X2-098	<b>EC-130 ABCCC III Maint</b>	ACC	AF
<b>E-3B/C Programs</b>			
2A4X2-110	<b>E-3 Comm Sys Craftsman (O Level)</b>	ACC	AF
2A4X2-111	<b>E-3 NAV/Aids Journeyman</b>	ACC	AF
<b>E-4B Programs</b>			
2A4X2-082	<b>E-4B ARC-171 UHF Radio Sys Fam</b>	ACC	AF
2A4X2-088	<b>E-4B MILSTAR Sys Fam</b>	ACC	AF
2A4X2-089	<b>Airborne Performance Monitor</b>	ACC	AF
2A4X2-090	<b>E-4B Message Processing Sys (MIPS)</b>	ACC	AF
2A4X2-102	<b>E-4B Comm Patch &amp; Test Facilities Fam</b>	ACC	AF
2A4X2-103	<b>E-4B Multiplexer &amp; Switchboard Sys Fam</b>	ACC	AF
2A4X2-104	<b>E-4B Secure Voice Switch Sys Maint Fam</b>	ACC	AF
<b>E-8C Programs</b>			
2A4X20112	<b>Comm/Nav Sys Tech</b>	ACC	AF
<b>O/Receiver/ Transmitter/WC-</b>			
<b>135 Programs</b>			
2A4X2-081	<b>C-135 COM/Nav Sys Craftsman</b>	ACC	AF
2A4X2-086	<b>OC/RC Radar Sys Maint Craftsman</b>	ACC	AF
2A4X2-108	<b>RC-135 AN/ASC-19 SAT COM</b>	ACC	AF
<b>KC-135 Programs</b>			
2A4X2-038	<b>0C-135 Com/Nav Maint Tech (O/M) (T/S)</b>	ACC	AF
2A4X2-116	<b>KC-135 Airborne Digital Interphone Sys (ADIS)</b>	ACC	AF
2A4X2-117	<b>COMM/NAV Pacer Craig Block 30 Differences</b>	ACC	AF
<b>H-60 Programs</b>			
2A4X2-068	<b>HH/MH-60 COM/NAV Sys</b>	ACC	AF
2A4X2-074	<b>Enhanced Nav (GPS-NU) 7 FLIR Sys</b>	ACC	AF

## 2. Additional courses available from ACC.

Contact the course OPRs at:

HQ ACC PMS/OL-CA  
 6058 Aspen  
 Hill AFB UT 84056-5895  
 DSN 777-4278