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Flying Operations

C-17 CONFIGURATION AND MISSION
PLANNING



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This supporting instruction implements AFD 11-2, *Aircraft Rules and Procedures*, and is incomplete without AFI 11-2C-17 Volume 3, *C-17 Operations Procedures*. It establishes policy for the configuration of the C-17 aircraft to safe and successfully accomplish their worldwide mobility missions. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force. This instruction applies to Air Force Reserve (AFRC) units. It does not apply to Air National Guard (ANG) units.

The privacy act of 1974 affects this instruction. The Privacy Act System Number F011 AF XOA, Air Force Operations Resource Management System (AFORMS) covers required information. The Paperwork Reduction Act of 1974 as amended in 1996 affects this instruction.

SUMMARY OF REVISIONS: This is a corrected copy to show the year on the even pages and to align the information with the figures on a single page.

This instruction contains references to the following field (subordinate level) instruction which, until converted to departmental level instruction may be obtained from the respective MAJCOM publication office.

AMCI 11-301 (AMC)

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Chapter 1

POLICY

1.1. General . This instruction establishes basic cargo compartment configurations, standard equipment, and location of such equipment aboard the C-17A aircraft. Personnel using this instruction should be aware of the infinite number of available variations. The cargo compartment limitations listed here are the most typical of day-to-day operations. For operational planning purposes, each configuration is annotated with minimum time and number of personnel to configure the aircraft. The times quoted are approximate and are configuration times only; they do not include de-configuration times. For example, to reconfigure from a P-1 configuration (full side seats and center seats) to a C-2 configuration (clean floor) requires two-people more than 20 minutes, which is the time allocated to configure a C-2 configuration. All C-17A aircraft are configured with standard quantities of life support equipment IAW this instruction and AMCI 11-301, *Aircrew Life Support (ALS) Program*. Job guide T.O. 1C-17A-2-10JG-70-1 and this instruction will be used by maintenance personnel to configure the aircraft.

1.2. Responsibilities . Mobility units performing services on the C-17 aircraft, e.g. aircraft maintenance unit, terminal services, support equipment branch, and life support, are responsible for configuring the aircraft with the equipment listed in this instruction, the TO 1C-17A-2-10JG-70-1 job guide or as outlined in the mission directives. This includes the stowage/installation of the equipment IAW the configurations and equipment tables outlined here. Personnel engaged in planning operations must consider the most appropriate configuration to satisfy mission requirements and to further permit the minimum variations and time involved in change.

1.3. Standard Configuration Codes . Use the standard configuration letter codes in **Table 1.1.** when referring to C-17A cargo compartment configurations. Follow the letter code by the number which identifies the configuration capability tables outlined here. Indicate each configuration code in the mission directive.

Table 1.1. Standard Configuration Letter Codes.

AE	Aeromedical Evacuation
C	Cargo
CP	Cargo and Passengers
P	Passengers
ADP	Airdrop Passengers
ADC	Airdrop Cargo
CDS	Container Delivery System
DV	VIP Support Flights
SD	Static Display

1.4. Deviations . The configurations established by this instruction may require deviations for a specific mission. Each deviation must be carefully evaluated prior to mission operation to ensure flight safety and compatibility with aircraft equipment. Each mission directive will identify the basic configuration by code and the deviation, if necessary, to satisfy the mission requirement. For example, an aeromedical evacuation mission may require more litters than available in configuration AE-1. Consult the appropri-

ate configuration charts to determine at what location the desired additional litters can be installed. Indicate in the mission directive by position the litter tier provisions to be installed, i.e., configuration AE-1, install litter tier provisions J and L. In any case of deviation, consideration must be given to corresponding changes in required equipment, including weight and balance revisions. When aircraft configuration equipment is moved from its stowage location, aircraft moment changes are not required on the DD Form 365-4.

1.5. Weight and Balance . Configurations, equipment, and necessary supply changes to conduct airlift missions affect the weight and balance of the aircraft. To standardize equipment and the location of the equipment, include items shown in **Table 2.1.** in the basic weight of the aircraft; items will remain on the aircraft except for maintenance and inspection. Add equipment listed in **Table 2.2.** as necessary, and enter in references 5, 6, or 7 of DD Form 365-4, **Weight and Balance Clearance Form F** or electronic computer data sheets. For simplicity, the loadmaster will enter the weight and moment data contained in the required equipment table for the applicable configuration. Adjustments will be made when the actual on board weight of these items (due to deviations) vary from the data shown. Electronic computer data sheets may be used in lieu of the DD Form 365-4 provided these sheets contain essentially the same data listed on DD Form 365-4.

1.6. Distribution . See AFI 11-2C-17V3, *C-17 Operations Procedures*, Chapter 1 and apply the following : Maintain at least one copy of this instruction in each C-17A squadron operations section (FCIF library). The following agencies should have direct access (latest electronic version) or paper copy: Staff operations, Aircrew Stan/Eval, Command posts/operations centers, Air terminal operations centers, Squadron/port operations officers, Air freight management, Fleet service, Aircraft maintenance units, alternate mission equipment sections, quality control, and life support sections, one paper copy for each supplemental weight and balance handbook aboard each aircraft.

1.7. Revisions. See AFI 11-2C-17V3, Chapter 1 for AF Form 847, **Recommendation for Change of Publication**, instructions.

Chapter 2

CONSOLIDATED EQUIPMENT TABLE

2.1. Scope . Aircraft basic weight includes the equipment listed in [Table 2.1](#). Items listed in [Table 2.2](#) are added as necessary to attain a specific configuration and/or comply with mission directives.

Table 2.1. Standard Equipment.

Item	Equipment	Quantity (Ea)	Location
1	ADS rail bridge	1 set	FS 1035 left side
2	Aeromed station	3 kits	FS 554 left and right 620 right side
3	Aircraft ground wires	2	FS 758 outside right wheel pod
4	Bumper assembly, log rails	1	FS 1173 right side
5	Buffer Stop Assembly	1	FS 1421 left and right
6	Canadian retrieval system	1	FS 1200 left FS 1175 right
7	CDS/BDS cargo sling assembly	2	Cargo Door
8	CDS gate release elec cable	6	(4) FS 1395 thru 1446 left/(2) cargo door
9	CDS/BDS wishbone assembly	2	Cargo Door
10	Centerline Seat Kit	8 sets	FS 1540 thru 1630
11	Chain/MB-1 CGU-4/E 10,000 lbs	46	FS450 thru 1231 left and right
12	Chain/MB-2 CGU-3/E 25,000 lbs	46	FS 450 thru 1231 left and right
13	Comm ext cord set 50 & 100 ft	2	Loadmaster drawer
14	Crash axes	2	FS 260 right 530 right side
15	Core TR torque limiter	1	FS 1588 cargo door
16	Device MB-1/CGU4/E 10,000 lbs	46	FS 413 thru 1184 left and right
17	Device MB-2/CGU3/E 25,000 lbs	46	FS 438 thru 833 left and right
18	Elev/Retrac ADS rail tool	2	Loadmaster drawer
19	Emer water container 2 gals	6	Dist
20	Engine Anit-Rotate wedges	4	FS 1588 cargo door
21	Engine core exhaust cover	4	FS 1588 cargo door
22	Engine fan brake	1	FS 1588 cargo door
23	Engine fan exhaust cover	4	FS 1588 cargo door
24	Engine inlet covers	4	FS 738 outside right wheel pod
25	Extinguishers, fire	9	FS 227 thru 1060 left and right

Item	Equipment	Quantity (Ea)	Location
26	Fan TR duct hand pump	1	FS 1588 cargo door
27	Fan TR torque limiter	1	FS 1588 cargo door
28	Fan TR valve lockout pin	4	FS 1588 cargo door
29	First aid kits	6	FS 260 thru 760 left and right
30	Foam mattresses	2	Crew rest area
31	Gate release mechanism assy	6	(4) FS 1476 left and right / (2) cargo door
32	Hand tools	1 set	Loadmaster drawer
33	HUD dust cover	2	FS 175 left and right
34	Inflight safety lanyard	2	Loadmaster drawer
35	Misc. rel pins	2	Loadmaster drawer
36	Maint. hatch warning streamers	2	FS 320 under deck
37	Maintenance ladder	1	FS 620 left side
38	Maintenance safety lanyard	2	Loadmaster drawer
39	Landing gear pins	6	FS 380 right side
40	Oxygen bottles, walk-around	10	FS 200 thru 945 left and right side
41	Oxygen masks, 358-1506V Smoke goggles	15	IAW TO 1C-17A-1
42	Paratroop anchor cable	4	FS 1265 left and right side
43	Pitot cover install tool	1	Loadmaster drawer
44	Pitot tube cover	4	Loadmaster drawer
45	Portable inspection light	1	FS 360 left side
46	Rel Pins, maintenance lanyard	2	Loadmaster drawer
47	Ramp aft edge protector	1	FS 1442 cargo door
48	Ramp ADS link plug	2	FS 1370 left and right side
49	Ramp latch drive wrench	1	FS 1205 left side behind panel
50	Ramp toe guide rails	2	FS 1731 cargo door
51	Ramp toe roller conveyers	16	FS 1540 cargo door
52	Ramp toe safety step panel	2	FS 1445 cargo door
53	Remote winch control	1	FS 240 left side
54	Restraint harness PCU-17/P	2	Loadmaster Drawer
55	Retriever yoke assembly	2	FS 1190 right and 1240 left side
56	Snatch block assembly	4	FS 375 right side
57	Tiedown ring receptacle cover	4	Loadmaster drawer
58	Tiedown strap 5,000 lbs	50	FS 400 thru 1203 left and right
59	Tow plate mechanism cover	1	FS 1185 center line
60	TR core bolts and fan nut set	1	FS 1588 cargo door

Item	Equipment	Quantity (Ea)	Location
61	Vent extension tube adapter	5	Adjacent to each vent
62	Van zelm devices	12	FS 1433 left and right side
63	Water fill hoses/funnel assembly	1	FS 210 right side
64	Wheel chocks	4	FS 738 outside right wheel pod
65	Wireless headset	2	FS 210 left side

Table 2.2. Required Equipment.

Item	Equipment	Quantity (Ea)	Location
1	Aircraft Armor	1	FS 217
2	Crew comfort items: Blankets/Pillows Water container (Igloo) Std 2 gal liquid containers Hot cup	6 3 2 1	Survival equipment locker. FS 360 left side Crew galley FS 270 right side Crew galley FS 270 right side
3	Life preservers (casualty MB-1)	Minimum of 2	Survival Equipment Locker. One MB-1 casualty preserver for each litter patient. If unavailable, use the Adult/Child life preserver for litter patients.
4	LPU-6/P (infant cot)	Minimum of 7	Survival Equipment Locker. LPU-6/P infant survival cots will accommodate infants up to 18 months/30 pounds.
5	Life preservers crew LPU-2/P or LPU-10/P	4	Survival Equipment Locker. The A/C life preserver is not adaptable with the personnel parachute.
6	Life preservers Adult/Child (A/C)	110 each mission	LPU-2/P or LPU-10/P may be used as an authorized substitute for the A/C life preservers for the flight crew on passenger/cargo missions. Preservers in the cargo compartment will be distributed one for each occupied passenger seat. Stow the remaining life preservers not used in an A-3 bag in the survival equipment locker.
7	ML-4 Survival Kit	4	Survival equipment locker.
8	Pax blankets/pillows	As needed	Passenger seat.
9	Passenger information card	1 ea	Passenger seat or survival equipment locker.
10	Passenger service kit	1	Survival equipment locker.
11	Parachutes and hangers	4	Survival equipment locker.

Item	Equipment	Quantity (Ea)	Location
12	Protective clothing kit	1	Survival equipment locker.
13	Publications Box	1	FS 400
14	Radios, emergency PRC-90	2	Survival equipment locker. AFI 11-299 Missions.
15	Suit, Anti-Exposure, CWU-16/P	4	Survival equipment locker.
16	Survival Vest	4	Survival equipment locker.

Chapter 3

FLOOR PLANS AND REQUIRED EQUIPMENT WEIGHT AND BALANCE DATA

3.1. Scope. This chapter contains basic cargo compartment configurations in floor plan format, including weight, location, and moment data for associated required equipment.

3.2. General . Although deviations to the basic configurations are authorized to meet special requirements, consider the following factors when planning such changes:

- 3.2.1. Do not position palletized aft-facing seats forward of FS 536 when comfort pallet is installed.
- 3.2.2. When the comfort pallet is installed for use, it will be positioned at FS 391.
- 3.2.3. When installing the C-141 or C-5 comfort pallet for use, ensure the galley faces the left side of the aircraft.
- 3.2.4. Drawings in this chapter are not to scale with respect to actual aircraft and equipment location.
- 3.2.5. When the load consists of palletized netted cargo or is secured with straps, a 30-inch spacing will be maintained between the cargo and the nearest forward occupied seat, litter, or nuclear cargo.

3.3. Legend of Configurations.

- 3.3.1. AE-1 - This configuration offers 9 litter spaces and a total of 54 seats. A minimum of 10 seats are required for aeromedical evacuation crew members. Two HCU 6/E pallet positions are available in the cargo ramp aerial delivery system (ADS) rails.
- 3.3.2. AE-2 - This configuration offers a comfort pallet, 36 litter spaces, and a total of 54 seats. A minimum of 10 seats are required for aeromedical evacuation crew members. Two HCU 6/E pallet positions on the cargo ramp are available in the ADS rails.
- 3.3.3. C-1 - Provides for 11 HCU-6/E pallets in the ADS rail system. A maximum of 54 seats is available when using this configuration.
- 3.3.4. C-2 - Provides a clear cargo floor for loading of general cargo and/or rolling stock loads. Provides a maximum of 54 seats.
- 3.3.5. C-3 - Provides for 18 HCU-6/E pallets in the logistic rail system. No seats are available in this configuration.
- 3.3.6. P-1 - Provides for a comfort pallet, 102 seats and 4 HCU-6/E pallets on the cargo ramp.
- 3.3.7. CP-1 - Number of seats are based on number of HCU-6/E pallets airlifted.
- 3.3.8. ADP-1 - Provides 54 seats for paratroopers, a clear cargo floor for loading nine HCU-6/E pallets or rolling stock loads, and 4 pallet positions on the cargo ramp.
- 3.3.9. ADP-2 - Provides a comfort pallet, 102 seats for paratroopers, and 4 HCU-6/E pallet positions on the cargo ramp.
- 3.3.10. ADP-3 - Provides a comfort pallet, 102 seats for paratroopers, and space for up to 8 A-21/A-22 containers on the cargo ramp.
- 3.3.11. ADC-1 - Provides for airdrop of platform loads.

3.3.12. CDS-1 - Provides for airdrop of 2 to 40 A-22 containers in a double stick or 1 to 20 A-22 containers in a single stick.

3.3.13. DV-1 - Provides a comfort pallet, 80 aft-facing seats secured to 8 pallets and 54 troop seats for a total of 134 seats. Four HCU-6/E pallet positions are available on cargo ramp.

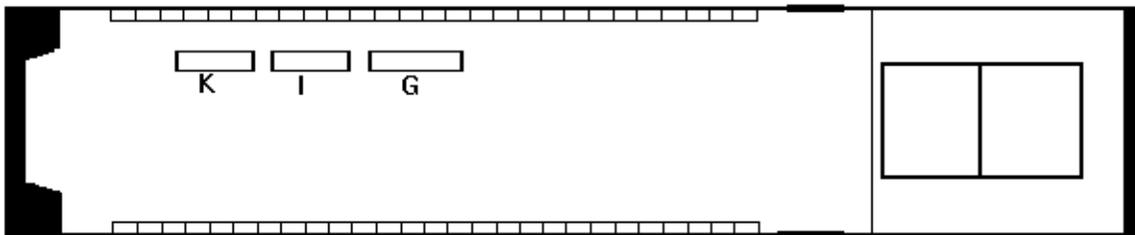
3.3.14. SD-1 - Used for static display.

3.4. Troop Life Preserver. In the event of a planned paratroopers jump near or over large bodies of water, the service being airdropped will furnish required life preservers. However, the life preservers (A/C), as indicated in the applicable configurations, will still be provided as required to cover emergency ditching operations.

3.5. Passenger/Troop Drinking Water . Each basic configuration provides for an adequate amount of drinking water. For example, on cargo configurations, three 2-gallon water containers (Igloo) are provided. A comfort pallet containing sufficient drinking water is normally provided for all passenger configurations. Additional water containers may be added, if desired.

Figure 3.1. AE-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
TOTAL		240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	12	48	280	1.3
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	13	68	280	2.0
Oxygen Bottle, Portable	7	42	dist(744)	3.1
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
TOTAL		815		34.0
Reference 7, DD Form 365-4 (Extra Equipment)				
60 Hz Backup Converter	1	43	252	1.1
Publications Box/Aircraft Armor	1/1	107/1125	400/217	4.0/24.4
TOTAL		1275		29.5

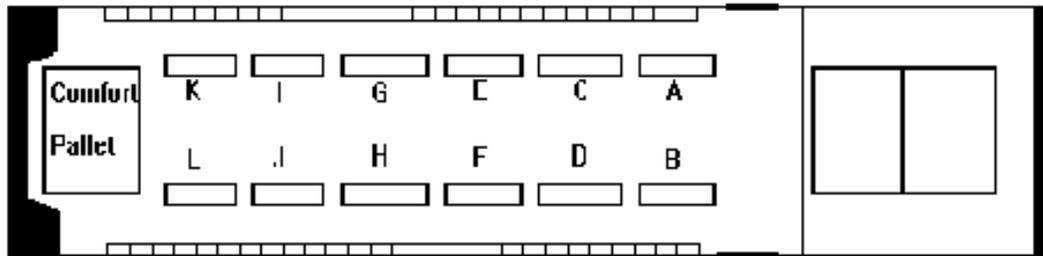


NOTES:

1. This AE configuration provides 9 litter spaces and a total of 54 seats. 48 centerline seats may be added if the litters are installed at X=88; however, sidewall seats next to litters will not be available. The number of seats offered for ambulatory patients is normally 44; however, the number of aeromedical evacuation crew members (AECM) govern the number of seats available. The final litter configuration and AECM seating will be determined by the Medical Crew Director (MCD). AECM seat locations may vary in the cargo compartment based on patient/cabin observation requirements. Additional seats maybe required for emergency equipment and litter patients based on patient medical conditions.
2. Seats are numbered (front to rear) for identification and are referred to as seat one left or seat one right, etc. Litter tiers are identified alphabetically starting right to left from the rear to front.
3. ADS and logistic rails and roller conveyors are stowed except for the baggage pallet position. Baggage pallets will be loaded in the cargo ramp ADS rails.
4. Inboard ramp toes will be installed in the low position with rollers and guide rails installed. Outboard ramp toes will be installed in the high position with rollers removed and stowed.
5. The 60 Hz backup converter will be installed. Additional medical equipment may be installed.
6. Time to configure with two people is 25 minutes.

Figure 3.2. AE-2 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	3 (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
ATGL	1	3620	391	141.5
Expendable supplies		10	260	.3
Passenger information cards	102	3	280	.1
	TOTAL	3860		152.6
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	48	192	280	5.4
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	13	68	280	2.0
Oxygen Bottle, Portable	7	42	dist(744)	3.1
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	959		38.1
Reference 7, DD Form 365-4 (Extra Equipment)				
Aeromedical Station	9	594	634/937	49.7
60 Hz Backup Converter	1	43	252	1.1
Publications Box/Aircraft Armor	1/1	107/1125	400/217	4.0/24.4
	TOTAL	1869		79.2

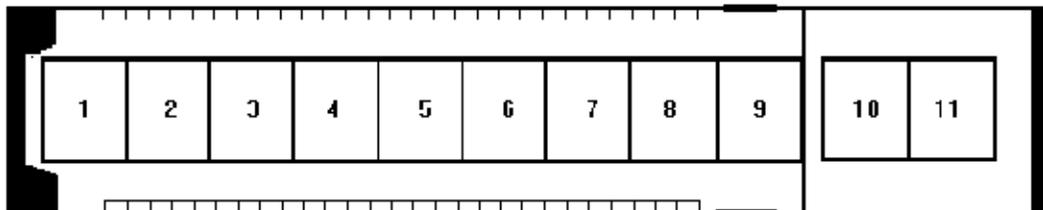


NOTES:

1. This AE configuration provides 36 litter spaces (high density) and a total of 54 seats. 48 centerline seats may be added if the litters are installed at X=88; however, sidewall seats next to litters will not be available. The number of seats offered for ambulatory patients normally is 44; however, the number of AECMs govern the number of seats available. The final litter configuration and AECM seating will be determined by the MCD. AECM seat locations may vary in the cargo compartment based on patient/cabin observation requirements. Additional seats maybe required for emergency equipment and litter patients based on patient medical conditions. The 60 Hz backup converter will be installed. Additional medical equipment may be installed.
2. Seats are numbered (front to rear) for identification and are referred to as seat one left or seat one right. Litter tiers are identified alphabetically starting right to left from the rear to front.
3. ADS rails, logistic rails and roller conveyors on the main cargo floor are stowed except for the comfort pallet position. Baggage pallets will be loaded in the cargo ramp ADS rails.
4. Inboard ramp toes will be installed in the low position with rollers and guide rails installed. Outboard ramp toes will be installed in the high position with rollers removed and stowed.
5. Time to configure with two people is one hour and 25 minutes.

Figure 3.3. C-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4



NOTES:

1. Fifty-four passenger seats are offered.
2. ADS rails and roller conveyors between the ADS rails are up. Logistic rails and other roller conveyors are stowed. Maximum of 11 HCU-6/E pallet positions are available.
3. Married pallets may be airlifted in the ADS rails; however, they must be constructed in the 108-inch bias.
4. Ramp Toes (4) will be installed in the low position with guide rails and rollers installed.
5. Time to configure with two people is 25 minutes.
6. ADS Pallet Number Centroids:

1	2	3	4	5	6	7	8	9	10	11
401	491	581	671	761	851	941	1031	1121	1229	1319

Figure 3.4. C-2 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4

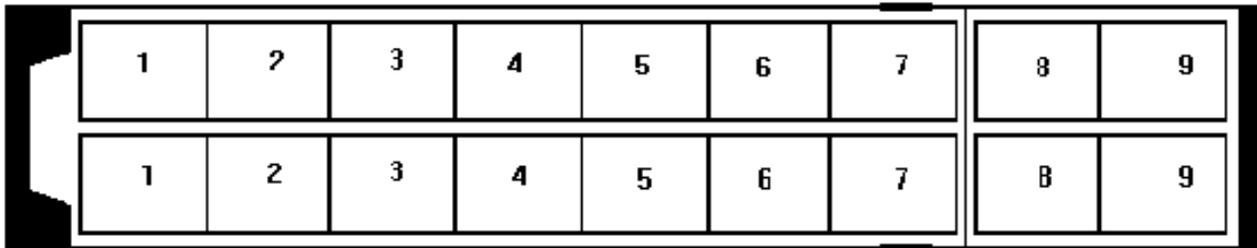


NOTES:

1. Fifty-four passenger seats are offered.
2. If bulk cargo and/or vehicles are loaded on the main cargo floor, do not exceed maximum width of 156 inches.
3. ADS rails, logistic rails and roller conveyors are stowed.
4. Ramp toes (4) will be installed in the high position with rollers removed and stowed.
5. Recommended configuration for local training flight.
6. Time to configure with two people is 15 minutes.

Figure 3.5. C-3 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4



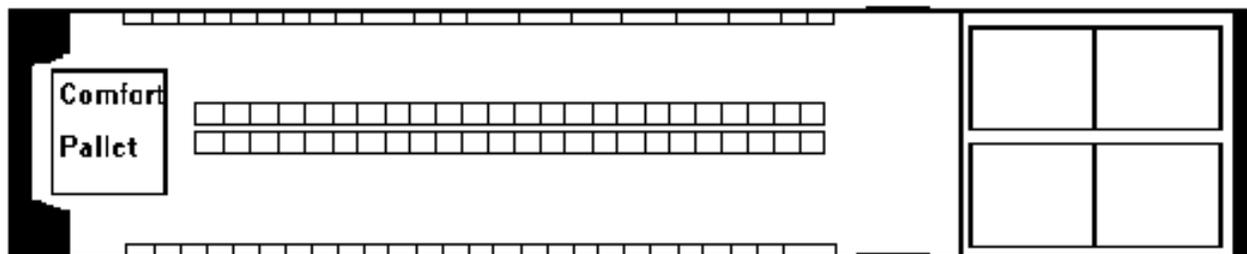
NOTES:

1. Logistic rails and roller conveyors up. Maximum load of 18 HCU 6/E pallets. Pallets must be rotated 90 degrees during the unloading phase if not delivered in the 88-inch bias.
2. Married pallets may be airlifted in the logistic rails; however, they must be constructed in the 88-inch bias.
3. Ramp Toes (4) will be installed in the low position with guide rails and rollers installed.
4. Time to configure with two people is 20 minutes.
5. Logistic Pallet Number Centroids:

1	2	3	4	5	6	7	8	9
444	554	664	774	884	994	1104	1226	1336

Figure 3.6. P-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
ATGL	1	3620	391	141.5
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	3860		152.6
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4

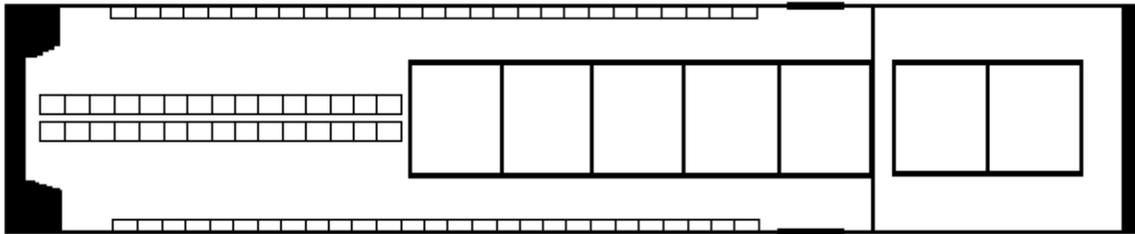


NOTES:

1. One hundred and two passenger seats are offered.
2. Seats are numbered (front to rear) for identification and are referred to as side seat one left/right or center seat one left/right.
3. ADS rails, logistic rails and roller conveyors are stowed on the main cargo floor except for the comfort pallet position. Ramp logistic rails and roller conveyors are up. Four HCU/6E pallets can be loaded on the ramp.
4. Ramp Toes (4) will be installed in the low position with guide rails and rollers installed.
5. Time to configure with two people is two hours.

Figure 3.7. CP-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards		3	280	.1
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor		1125	217	24.4
	TOTAL	1232		28.4



NOTES:

1. Eighty-four passenger seats are offered. Centerline seat installation begins at FS 404. This is a basic cargo/passenger configuration. It can be easily modified to accommodate different cargo/passenger configurations. Refer to **Table 4.3** for further planning guidance.
2. Seats are numbered for identification (front to rear) and are referred to as side seat one left/right or center seat one left/ right.
3. ADS rails and roller conveyors are up beginning at FS 829 through 1392. Six HCU 6/E pallets may be airlifted.
4. As pallet positions are used in the ADS rails, reduce the number of seats available by six per pallet.
5. Ramp toes (4) will be configured in the low position with guide rails and rollers installed.
6. Time to configure with two people is 45 minutes.

Figure 3.8. ADP-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
LPU-2/P or LPU-10/P life preservers	4	16	280	.4
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	712		29.2
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4

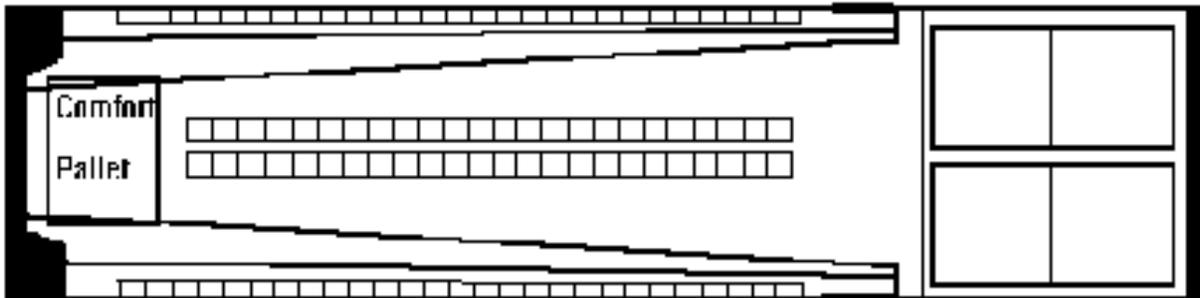


NOTES:

1. Fifty-four troop seats are offered.
2. ADS rails, logistic rails and roller conveyors stowed.
3. If bulk cargo and/or vehicles are loaded on the main cargo floor, do not exceed a maximum width of 144 inches.
4. Ramp toes (4) will be installed in the high position with rollers removed and stowed.
5. Install anchor cable supports and anchor cables IAW TO 1C-17A-9, section III, and Job Guides.
6. Time to configure with two people is 25 minutes.

Figure 3.9. ADP-2 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Comfort Pallet (serviced)	1	3620	391	141.5
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
TOTAL		3860		152.6
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
LPU-2/P or LPU-10/P life preservers	4	16	280	.4
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
TOTAL		712		29.2
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
TOTAL		1232		28.4

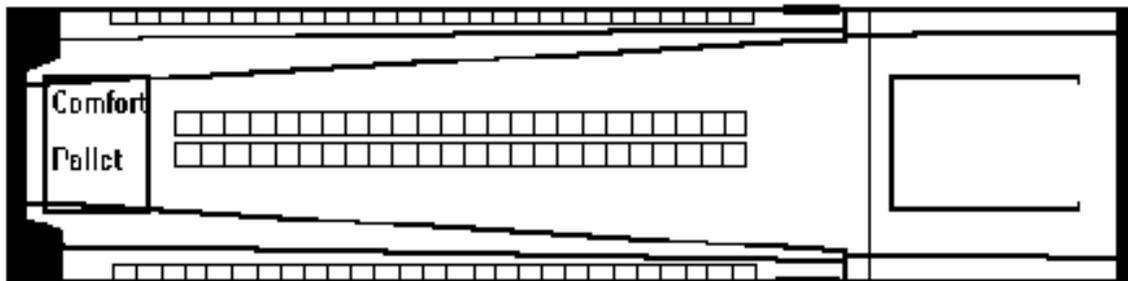


NOTES:

1. One hundred and two troop seats are offered.
2. Seats are numbered for identification (from front to rear) and are referred to as side seat one left/right or center seat one left/right.
3. ADS rails, logistic rails and roller conveyors are stowed on the main cargo floor except for the comfort pallet position. Ramp logistic rails and roller conveyors are up. Four HCU 6/E pallets can be loaded on the ramp.
4. Ramp toes will be installed in the low position with rollers and guide rails installed.
5. Install anchor cable supports and anchor cables IAW TO 1C-17A-9, section III, and Job Guides.
6. Time to configure with two people is 1.7 hours.

Figure 3.10. ADP-3 Configuration.

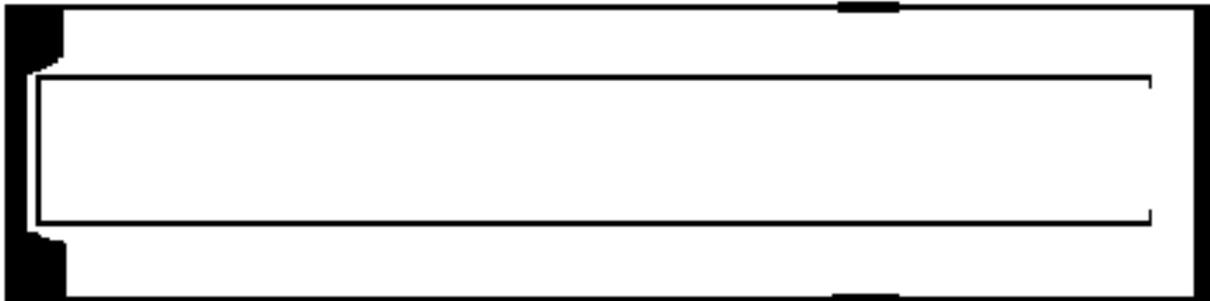
	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Comfort Pallet (serviced)	1	3620	391	141.5
Expendable supplies		10	260	.3
Pax info cards	102	<u>3</u>	280	<u>.1</u>
	TOTAL	3860		152.6
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
LPU-2/P or LPU-10/P life preservers	4	16	280	.4
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	<u>112</u>	280	<u>3.0</u>
	TOTAL	712		29.2
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	<u>1125</u>	217	<u>24.4</u>
	TOTAL	1232		28.4

**NOTES:**

1. One hundred and two troop seats are offered.
2. Seats are numbered for identification (from front to rear) and are referred to as side seat one left/ right or center seat one left/ right.
3. ADS rails, logistic rails and roller conveyors are stowed on main cargo floor except for the comfort pallet position. Ramp ADS rails, ramp center logistic rails and roller conveyors are up. Omni rollers are not permitted for airdrop use. Maximum of eight A-22 containers may be dropped from cargo ramp.
4. Inboard ramp toes will be installed in the low position with rollers and guide rails installed. Outboard ramp toes will be installed in the high position with rollers removed and stowed.
5. Install anchor cable supports and anchor cables IAW TO 1C-17A-9, section III, and Job Guides.
6. Time to configure with two people is 2 hours.

Figure 3.11. ADC-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
LPU-2/P or LPU-10/P life preservers	4	16	280	.4
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	712		29.2
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4

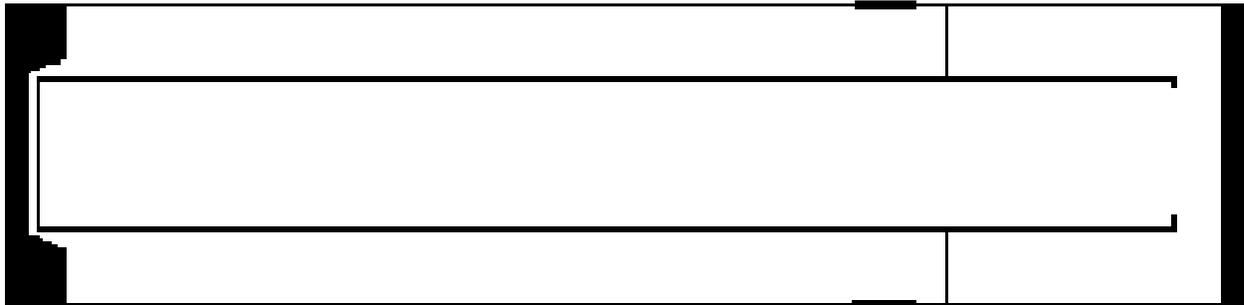


NOTES:

1. ADS rails and the roller conveyors between these rails are up. Omni rollers are not permitted for airdrop use. Logistic rails and other roller conveyors are stowed. Install left ADS rail bridge and ramp end cover.
2. Ramp Toes will be removed and stowed.
3. Time to configure with two people is 15 minutes.

Figure 3.12. CDS-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
Expendable supplies		10	260	.3
Pax info cards	102	<u>3</u>	280	<u>.1</u>
	TOTAL	240		11.1
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
LPU-2/P or LPU-10/P life preservers	4	16	280	.4
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	<u>112</u>	280	<u>3.0</u>
	TOTAL	712		29.2
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	<u>1125</u>	217	<u>24.4</u>
	TOTAL	1232		28.4

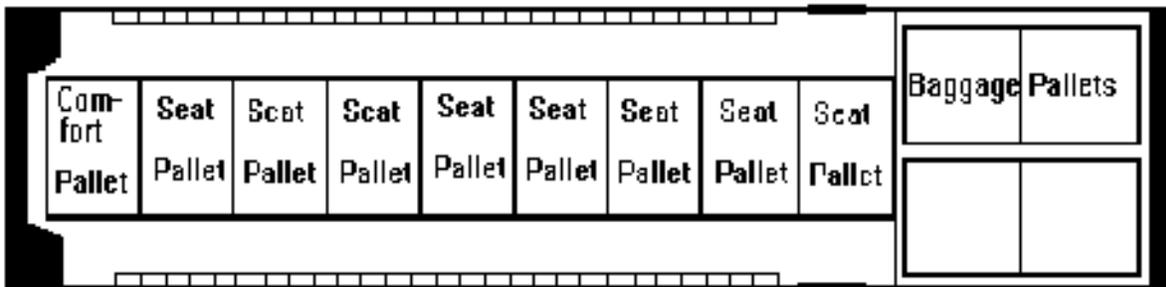


NOTES:

1. Maximum of 40 A-22 containers.
2. Position buffer stop at FS 365 for full loads and adjust aft as necessary to accommodate fewer containers.
3. ADS rails, center logistic rail sections and roller conveyors between these rails are up. Omni rollers are not permitted for airdrop use. Outboard logistic rails and other roller conveyors are stowed.
4. Inboard ramp toes will be installed in the low position with guide rails and rollers installed.
5. Install anchor cable support and anchor cables IAW TO 1C-17A-9, section III, and Job Guides.
6. Time to configure with two people is 40 minutes.

Figure 3.13. DV-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
ATGL	1	3620	391	141.5
Expendable supplies		10	260	.3
Pax info cards	102	3	280	.1
	TOTAL	3860		152.6
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Seat Pallets	8	5928	806	477.8
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	7160		506.2

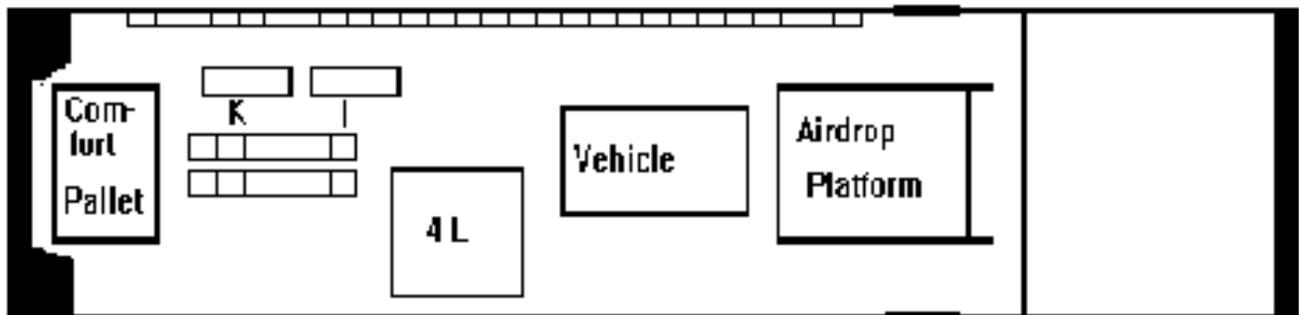


NOTES:

1. One hundred and thirty-four seats offered: 54 sidewall seats, 80 seats on pallets (10 seats per pallet).
2. ADS rails and roller conveyors between ADS rails up. Logistic rails and roller conveyors stowed except for the ramp position.
3. Ramp toes (4) will be configured in the low position with rollers and guide rails installed.
4. Supplemental oxygen is required for seat pallets.
5. Maximum personnel over water: 138 total (including crew) due to the three 46 man life rafts.
6. Time to configure with two people is one hour.

Figure 3.14. SD-1 Configuration.

	Quantity	Weight	Station	Moment
Reference 5, DD Form 365-4 (Steward's Equipment)				
Water container (Igloo)	3	75	358	2.7
Std 2 gal liquid containers	1	25	260	.7
Hot cup	1	3	260	.1
Kit, passenger service	1	10	280	.3
Blankets, large	6	21	280	.6
Pillows, large w/case	6	12	280	.3
Blankets, small	54	54	dist (744)	4.0
Pillows, small w/case	54	27	dist (744)	2.0
ATGL	1	3620	391	141.5
Expendable supplies	1	10	260	.3
Passenger information cards	102	3	280	.1
	TOTAL	3860		152.6
Reference 6, DD Form 365-4 (Emergency Equipment)				
MB-1 life preservers (casualty)	2	8	280	.2
LPU-6/P life preservers (infant cot)	7	28	280	.8
A/C life preservers	110	165	280	4.6
Protective clothing kit (PCK)	1	36	280	1.0
Parachutes	4	112	280	3.1
Emergency Passenger Oxygen System (EPOS)	102	204	280/dist (744)	15.1
Protective Breathing Equipment (PBE)	6	31	280	1.0
Survival Items (Vest, ML-4, CWU-16/P)	4 each	112	280	3.0
	TOTAL	696		28.8
Reference 7, DD Form 365-4 (Extra Equipment)				
Publications Box	1	107	400	4.0
Aircraft Armor	1	1125	217	24.4
	TOTAL	1232		28.4



NOTES:

1. This configuration is for static display only.
2. Litter tiers I and K will be set up.
3. Left side configured for paratroop drop. Install anchor cable support and anchor cable.
4. Centerline seats 4 through 9 left and right installed.
5. HCU-6/E pallet with cargo in pallet position 4L.
6. Restrain wheeled vehicle at FS 900.
7. Load rigged airdrop platform at FS 1080.
8. Right side seats 1 through 27 will be down.
9. Flow of visitors will be through the crew entry door, into the flight deck, and exit over the ramp.
10. Inboard ramp toes will be installed in the low position with rollers and guide rails installed. Outboard ramp toes will be installed in the high position with the rollers stowed.
11. Time to configure with two people is 1 hour

Chapter 4

REFERENCE DATA

4.1. Scope. This chapter contains reference data to assist personnel in load planning.

4.2. Airdrop . Several factors must be considered during planning of airdrop platforms.

4.2.1. No overhang of load permitted on platform unless specified in the rigging TO/FM.

4.2.2. Weight and balance must be considered at all times. When multiple passes of single/sequential platform (s) are planned, calculations will be made prior to airdrop to determine the aircraft CG after each platform has exited. This is accomplished to assure that CG flight limits are not exceeded. This calculation is required only for those platforms that will remain on the aircraft following that pass.

4.3. Personnel limitations. The Personnel Limitations Chart ([Table 4.1.](#)) reflects the number of personnel (crews and passengers/troops) that the crew lavatory and aircraft urinals can accommodate. It must be considered when determining number of passengers/troops that can be airlifted without an ATGL.

4.4. Miscellaneous Data. The following tables and figures are provided to aid in configuration planning, weight and balance:

4.4.1. [Table 4.1.](#) Standard Weights and Comfort Pallet Equipment.

4.4.2. [Table 4.2.](#) Personnel Limitation.

4.4.3. [Table 4.3.](#) Pallet/Seat Availability

Table 4.1. Standard Weights and Comfort Pallet Equipment.

Standard Weight--Crew/Passengers/Patient, and Troops.	Weight (lbs)
Crewmember	200
Passenger (without bags)	175
Litter (includes everything except baggage)	195
Ambulatory (without bags)	175
Ground Troop (with web gear and weapon)	210
Ground Troop (with web gear, weapon, and ruck sack) Training	250
Ground Troop (with web gear, weapon, and ruck sack) Combat	300
Ground Troop (with web gear, weapon, ruck sack, and duffel bag) Training	350
Ground Troop (with web gear, weapon, ruck sack, and duffel bag) Combat	400
Parachutist (with web gear, weapon, and ruck sack) Training	300
Parachutist (with web gear, weapon, and ruck sack) Combat	350
Parachutist (without weapon or equipment) Hollywood	220
Ruck sack (Training)	40
Ruck sack (Combat)	80
NOTE: Standard weights for passengers are for loadmaster planning purposes only.	
Aircrew Body Armor	7
Anti-Exposure Suit	6
Aeromedical Station	66
Blanket, large	3.5
Blanket, small	1

Standard Weight--Crew/Passengers/Patient, and Troops.	Weight (lbs)
Baggage pallet (463L)	740
Buffer stop	411
Centerline seat (one set)	82
Centerline seat kit (eight sets)	658
Comfort pallet (serviced) (C-141)	4359
Comfort pallet (unserviced) (C-141)	3240
Comfort pallet (serviced) (C-5)	4697
Comfort pallet (unserviced) (C-5)	3106
Comfort pallet (serviced) ATGL	3620
Comfort pallet (unserviced) ATGL	3200
Hot cup	3
Litter	14
Life Vest Adult/Child (A/C)	1.5
LPU-6/P (infant survival cot)	4
LPU-10/P life vest	4
MB-1 chains/CGU-1/B	7
MB-2 chains/CGU-4/E	20
MB-1 devices/CGU-4/E	3.5
MB-2 devices/CGU-3/E	6
MB-1 life vest (casualty)	4
Net set (PALLET HCU-6/E)	65
Net side 463L (HCU-7/E)	22
Net top 463L (HCU-15/C)	21
Oxygen bottle, portable	6
Oxygen mask, 358-1506V and Anti-smoke goggles	3
Pallet HCU-6/E	290
Pallet w/nets (HCU-6/E; HCU-7/E; HCU-15/C)	355
Palletized seats (Aft facing seats mounted to HCU-6/E)	741
Parachute (back) BA-22	28
Passenger service kit	10
Pillow, large	2
Pillow, small	0.5
Portable Lavatory Assembly	400
Protective Breathing Equipment (PBE)	5.2
Protective clothing kit (PCK)	36
Radio, emergency	6
Std 2 gal liquid container	25
Straps CGU-1/B	4
Survival Vest, Aircrew	9
Survival Kit, ML-4	13
Transportable Airborne Treatment Station (TATS)	350
Winch, cargo	342
Water, container (small 2-gallon) (Igloo)	25
Water, container (large 5-gallon) (Igloo)	50

Table 4.3. Pallet/Seat Availability.

NOTE: This table is for planning purposes only and reflects the maximum seats available for a specific number of pallets or the maximum number of pallets for a specific number of seats.

Pallets Available	Seats Available	Logistic Pallets Positions Used	ADS Pallet Positions Used	Centerline Seats Used (2)	Sidewall Seats Used
6	100	8 & 9	8 & 9 (1)	8	All
8	84	8 & 9	6 thru 9	5	All
9	78	8 & 9	5 thru 9	4	All
10	70	8 & 9	4 thru 9	3	All
11	60	8 & 9	3 thru 9	1	All
12 or 13	54	8 & 9	1 or 2 thru 9		All
14	42	6 thru 9	1 thru 6		1 thru 21
15	32	5 thru 9 (1)	1 thru 5		1 thru 16
16	24	4 thru 9	1 thru 4 (3)		1 thru 12
17	4	2 thru 9 (1)	1		1 and 2

NOTES:

1. Two additional seats may be obtained with the use of a forward barrier.
2. All centerline seats start at station 404.
3. ADS rail sections aft of station 665 will be lowered. Portion of the pallet in ADS 4 will be out of rails, additional restraint may be required.

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