

**BY ORDER OF THE
375TH AIRLIFT WING COMMANDER**



**SCOTT AIR FORCE BASE
INSTRUCTION 32-2002**

11 AUGUST 2003

Civil Engineering

**AIRCRAFT FAMILIARIZATION AND CREW
EXTRACTION PROGRAM**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction supports AFI 32-2001, *The Fire Protection Operations and Fire Prevention Program*; establishes procedures and responsibilities to maintain an effective aircraft familiarization and crew extraction training program; applies to academic and hands-on aircraft familiarization and crew extraction training for the 375 AW and associated flying organizations. **This is a joint Scott AFB, 126 ARW, and 932 AW instruction.** This instruction applies to active duty, Air Reserve Technicians, and Air Force Reserves.

SUMMARY OF REVISIONS

Updates the crewmember's qualifications and type of aircraft required for training. **An bar (|) identifies the new policy changes since the last revision.**

1. Basic Concept.

- 1.1. Crash, rescue, and fire suppression personnel will be thoroughly trained to ensure expeditious rescue and life-saving capability.
- 1.2. Initial and continued proficiency training is essential.
- 1.3. Hands-on egress training for all mission-assigned aircraft assigned to Scott AFB as often as necessary to maintain proficiency.

2. Policy. The program will be accomplished with support provided by organizations identified and procedures outlined in this instruction.

3. Responsibilities.

- 3.1. The 375 AW and associate units are responsible for notifying the Fire Protection Branch of any major change to their mission-assigned aircraft.

- 3.2. The 375 MSG/CC has overall responsibility for the Base Fire Protection Program.
 - 3.3. The Base Fire Chief has overall responsibility for the Base Fire Protection Training Program.
 - 3.4. The Assistant Chief of Training is responsible for managing and conducting the training program.
4. The Assistant Chief of Training, Fire Protection Flight, will coordinate scheduling aircraft and aircrews for training with the appropriate base agencies.
5. Aircraft familiarization and crew extraction must be conducted IAW AFI 32-2001, Attachment 2, or as determined by the Base Fire Chief. As a minimum, exercises will be conducted semiannually for each type of aircraft assigned to Scott AFB. Aircraft familiarization and egress training are required annually on transit aircraft.

6. Training Requirements.

6.1. The 375 MXS/MXMA, 375 MOS/CC, and 126 ARW/CC are responsible for ensuring the availability of assigned aircraft and personnel necessary for participation in crew extraction/aircraft familiarization training for firefighters.

6.1.1. Aircraft familiarization training will include the following:

6.1.1.1. Locations of normal/emergency entry and exit points.

6.1.1.2. Normal/emergency engine systems shutdown procedures.

6.1.1.3. Auxiliary power unit shutdown procedures.

6.1.1.4. Number/location of aircrew/passenger seats and passenger restraints.

6.1.1.5. Movement of aircrew/passenger and restraints.

6.1.1.6. Battery locations.

6.1.1.7. Special hazard and/or munitions configurations associated with the type of aircraft.

6.1.2. The 375 OSS/OSO will schedule two C-9A aircraft per quarter with at least two semiannually during the hours of darkness. Where practical, schedule this training in conjunction with C-9A egress training.

6.1.2.1. The 126 OSS/OSO is responsible for providing two KC-135 aircraft per quarter for egress training and aircraft familiarization; at least two semiannually during the hours of darkness.

6.1.2.2. The 11 AS is responsible to provide crewmembers (at least one of which is a qualified pilot of a C-9A aircraft) for all scheduled aircraft crew extrication exercises involving C-9A aircraft.

6.1.2.3. Upon receipt of a letter from the Fire Protection Flight Training Section requesting training, the 458 AS will schedule two aircraft per quarter and at least two semiannually during the hours of darkness. The 458 AS will provide at least one pilot for all scheduled aircraft crew extraction exercises involving C-21A aircraft when requested.

6.1.2.4. The 375 AES/SGNT will provide at least one C-9A qualified aeromedical crew mem-

ber for all scheduled aircrew extraction exercises involving the C-9A aircraft and provide a qualified C-9A aircraft pilot when requested.

7. Phase of Accomplishment.

7.1. The Fire Protection Flight Training Section will coordinate with the 375 OSS/OST, 375 OSS/OSO, and other base agencies to provide realistic training. All training will be conducted under safe, regulated conditions. Egress systems will be rendered safe IAW AFI 21-112, *Aircraft Egress Systems Maintenance*, and aircraft engines will not be running. Aircrew members will fill positions when available. Movement of aircrew members during exercises will be monitored closely to prevent injury and provide maximum safety to all participants. Under no circumstances will simulated victims be dropped, bumped, or otherwise handled carelessly. Crewmembers will only be carried far enough to demonstrate capability as determined by the on-scene evaluator/trainer. Crewmembers of fighter-type aircraft will be moved to the canopy rails only. Aircrew members will not be lowered from aircraft using ropes or cables. The C-21-A flight deck is small, and the potential of injury to personnel or damage to the aircraft is high. Therefore, extraction of pilots from the flight deck area will be simulated. Extraction of passengers/patients is permissible.

7.2. The Fire Protection Flight's Assistant Chief of Operations will contact Current Operations by 0900 on the day prior to the scheduled training to verify aircraft availability and confirm the time of training. The aircraft tail number, location of aircraft, and availability of aircrew personnel will be confirmed on the day of training. The Assistant Chief of Operations will be responsible for ensuring the following agencies are notified the day of the scheduled training exercise, as applicable, via the Fire Alarm Communications Center:

- 7.2.1. Fire Chief.
- 7.2.2. 11 AS for C-9As and 458 AS for C-21As.
- 7.2.3. Security Forces.
- 7.2.4. Airfield Operations.
- 7.2.5. Scott Command Post.
- 7.2.6. Wing Safety Office, if support is required.
- 7.2.7. 375 AMDS/SGPF Flight Surgeon, if support is required.
- 7.2.8. Life Support/Aircraft Egress Section, if support is required.
- 7.2.9. 375th Operations Group Commander.

7.3. The Base Fire Chief, Assistant Chief of Training, or on-duty Assistant Chief of Operations will brief all firefighters before and after each scheduled exercise.

7.4. Upon completion of the above, the exercise will be initiated and all firefighters will respond as follows:

- 7.4.1. Respond in a safe manner.
- 7.4.2. Obey all posted speed limits.
- 7.4.3. Position vehicles and equipment in accordance with aircraft pre-fire plan to simulate the control of fire.

7.4.4. Actual rescue of crewmembers, passengers, and/or litter patients will be in accordance with the pre-fire plans.

7.4.5. Upon completion of the exercise, the senior on-scene fire officer will contact Maintenance, Safety, Security Forces, Base Operations, and aircrew personnel for their comments/evaluation, and termination of the exercise.

SHELLEY D. CHRISTIAN, Col, USAF
375th Mission Support Group Commander