DC-7 SERIES

FLAMMABLE MATERIAL LOCATIONS

ENGINE OIL TANKS

FUEL TANK

ENGINE OIL TANKS

PORTABLE OXYGEN BOTTLES

FLARES

AUXILIARY OIL TANK ON SOME AIRPLANES

WARNING: Approach landing gear trucks from forward or aft at a 45 degree angle when approaching hot brakes or fighting a wheel fire, as rims and tires may pose a fragmentation hazard.

CAUTION: Rescue crews wearing full PPE to include SCBA’s must use caution when moving across sections of aircraft that have been exposed to fatigue or fire as the result of an accident. Crews need to verify the integrity of the surface area before moving their weight and equipment across it. Signs could include but are not limited to deformity of structure, visual signs of flame impingement or uneven surfaces. Surface integrity can be checked with a pike pole, axe or any instrument used to sound surfaces for integrity.

HOT BRAKES
Normal cooling: Move aircraft to a suitable location and allow brakes to cool on their own.
Water mist: Can be deployed from turret or handline.
Fans: Placing fans may place firefighters very close to the hazard zone.

WARNING:

WHEEL FIRE

Apply large amounts of water initially with turrets. Transition to handline application to continue and maintain a cooling effect.

Wheels are equipped with fusible plugs designed to melt and deflate the tire when the temperature is excessive.

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DC-7/7B

DC-7C

2756 GAL - 10433 L

3500 GAL - 14385 L
1 CREW AND MAIN CABIN DOORS
EXTERNAL HANDLE

TO OPEN DOOR:
1. ROTATE HANDLE COUNTERCLOCKWISE.
2. PULL DOOR OUTWARD.

2 EMERGENCY EXIT DOORS
EXTERNAL HANDLE

TO OPEN DOOR:
1. PULL HANDLE OUT.
2. PUSH DOOR INWARD.

3 ESCAPE HATCH EXTERNAL HANDLE

TO OPEN HATCH:
1. PULL HANDLE OUT.
2. ROTATE HANDLE COUNTERCLOCKWISE.
3. PULL HATCH OUT.

4 CUT-IN AREAS

NOTE: CUT-IN AREAS REQUIRE METAL CUTTING PORTABLE POWER EQUIPMENT. BECAUSE OF TYPE OF STRUCTURE AND POSSIBLE INJURY TO PERSONNEL WITHIN, IT IS RECOMMENDED THAT MAJOR EFFORT TO GAIN ACCESS BE DIRECTED TO HATCHES AND DOORS. URGENCY OF SITUATION WILL DICTATE THE NECESSITY FOR A CUT-IN.
EMERGENCY RESCUE ACCESS

1 MAIN CABIN DOOR

4 CUT-IN AREAS

3 TYPICAL ESCAPE HATCHES

1 CREW AND CARGO DOOR

4 CUT-IN AREAS

TYPICAL FIRE ACCESS

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**DC-7 FREIGHTER SERIES**

**WARNING:** Approach landing gear trucks from forward or aft at a 45 degree angle when approaching hot brakes or fighting a wheel fire, as rims and tires may pose a fragmentation hazard.

**HOT BRAKES**
Normal cooling: Move aircraft to a suitable location and allow brakes to cool on their own.
Water mist: Can be deployed from turret or handline.
Fans: Placing fans may place firefighters very close to the hazard zone.

**WHEEL FIRE**
Apply large amounts of water initially with turrets. Transition to handline application to continue and maintain a cooling effect.
Wheels are equipped with fusible plugs designed to melt and deflate the tire when the temperature is excessive.

**CAUTION:** Rescue crews wearing full PPE to include SCBA’s must use caution when moving across sections of aircraft that have been exposed to fatigue or fire as the result of an accident. Crews need to verify the integrity of the surface area before moving their weight and equipment across it. Signs could include but are not limited to deformity of structure, visual signs of flame impingement or uneven surfaces. Surface integrity can be checked with a pike pole, axe or any instrument used to sound surfaces for integrity.

**FLAMMABLE MATERIAL LOCATIONS**

- **FUEL TANK**
- **ENGINE OIL TANKS**
- **AUXILIARY OIL TANK**
- **FIRE EXTINGUISHER BOTTLES**
- **PORTABLE OXYGEN BOTTLES**
- **FLARES**

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December 12, 2019
EMERGENCY RESCUE ACCESS-1

1 CREW AND MAIN CABIN DOORS
EXTERNAL HANDLE

TO OPEN DOOR:
1. ROTATE HANDLE COUNTERCLOCKWISE.
2. PULL DOOR OUTWARD.

2 EMERGENCY EXIT DOORS
EXTERNAL HANDLE

TO OPEN DOOR:
1. PULL HANDLE OUT.
2. PUSH DOOR INWARD.

3 ESCAPE HATCH EXTERNAL HANDLE

TO OPEN HATCH:
1. PULL HANDLE OUT.
2. ROTATE HANDLE COUNTERCLOCKWISE.
3. PULL HATCH OUT.

4 CUT-IN AREAS

NOTE: CUT-IN AREAS REQUIRE METAL CUTTING PORTABLE POWER
EQUIPMENT. BECAUSE OF TYPE OF STRUCTURE AND
POSSIBLE INJURY TO PERSONNEL WITHIN, IT IS
RECOMMENDED THAT MAJOR EFFORT TO GAIN ACCESS BE
DIRECTED TO HATCHES AND DOORS. URGENCY OF SITUATION
WILL DICTATE THE NECESSITY FOR A CUT-IN.