

Landing Gear Hydraulic Fluid & Brake Fluid

- MIL-PRF-87257
- Fire resistant, synthetic-based

Ice Protection System (IPS) Fluid

- IPS Fluid (AL-5) DTD-406B

IPS Fluid Capacity

Total Tank Capacity	3.1 U.S. gallons (11.7 L)
Usable	3.0 U.S. gallons (11.4 L)
Unusable	0.1 U.S. gallon (0.4 L)

Maximum Certificated Weights

Max. Takeoff Gross Wt. (MTOGW).....	6000 lb (2722 kg)
Maximum Landing Weight (MLW)	5550 lb (2517 kg)
Maximum Ramp Weight (MRW)	6040 lb (2740 kg)
Max. Zero Fuel Weight (MZFW)	4900 lb (2223 kg)
Maximum Aft Baggage Compartment	300 lb (136 kg) ¹
Maximum Cargo X-Tend Compartment	40 lb (18 kg) ²

• NOTE •

Load limit for cargo and baggage on all floor surfaces is 50 lb/ft²
(244 kg/m²).

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1. Includes Cargo X-Tend weight limit.
 2. Cargo X-Tend is an optional storage space that extends the main baggage area.

- Autopilot Minimum-Use Height:

• NOTE •

Transient descent below published minimum use height is permitted while transitioning to climb using coupled go around (GA) mode.

- Takeoff and Climb..... 400 ft AGL
- Enroute and Descent..... 1000 ft AGL
- Approach (GP or GS Mode).....Higher of 200 ft AGL or Approach MDA, DA, DH
- Approach (IAS, VS, PIT or ALT Mode) Higher of 400 ft AGL or Approach MDA
- The autopilot cannot be engaged beyond the Engagement Limits. If the autopilot is engaged beyond the command limits (up to engagement limits), it will be rolled or pitched to within the command limits, and an altitude loss of 1000 feet or more can be expected while attitude is established in the selected mode.

Axis	Autopilot Engagement Limit
Pitch	±50°
Roll	±75°

- The autopilot and Flight Director (FD) will not command pitch or roll beyond the Command Limits.

Axis	Autopilot Command Limit
FD Pitch Command Limits	+30°, -25°
FD Roll Command Limits	±30°

- Use of VNAV is not supported during an approach with a teardrop course reversal. VNAV will be disabled at the beginning of the teardrop.
- If Stall Warning is inoperative, Autopilot Underspeed Protection (USP) will not be provided in Altitude Critical Modes (ALT, GS, GP, T/O and GA).
- The autothrottle pilot controllable functions (if installed) are part of the autopilot, and are subject to autopilot limitations (minimum use height, speed, etc.).
- The autothrottle pilot controllable functions (if installed) cannot be engaged unless the autopilot is engaged.