



DTP (Direct-to-Plane) Module Specifications

Design

- Modular Solution for FBO Fuel Farms
- Standardized Module Designs
- Fixed or Rotary Wing Aircraft
- Avgas or Jet Fuel

Features

- Fuel Transport Unloading
- Refueler Bottom Loading
- Direct-to-Plane Refueling
- Remote Dispensing

Quality

- Premium, brand-name components
- Precision engineered, built and tested by Refueling Specialists
- Over 50 years of industry experience
- Stringent Quality Controls

Compliance

- NFPA 30 & 407
- ATA 103
- FAA AC-150/5230-4
- API 1581 & 1529

Options

- Aluminum & SS Enclosures
- Self-Serve Card Readers
- Water Defense, Grounding & Overfill Protection Systems
- "Hot Refuel" Pantograph Systems

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1. System Functions: -Direct-to-Plane Refueling at 15-30 USGPM
2. Inlet Piping:
 - 1 ½" Globe Valve, Stainless Steel
 - 2 ½" Liquidfilled Pressure Gauge (0-160 psi), installed at hose reel inlet
 - Stainless Steel piping throughout
3. Meter:
 - 1 ½" Liquid Controls M5-A-2 Meter w/large numeral counter. Meter rated at 5-60 USGPM flowrate. Aluminum & stainless steel construction
4. Hose Reel:
 - Hannay Spring Rewind Hose Reel with aluminum internals, hose rollers & ball stop assembly
5. Hose:
 - 1" x 50 ft. Titan SS-124 Aircraft Refueling Hose, coupled male x male. Tested, serialized & certified per NFPA 407 & API 1529
6. Nozzle:
 - 1 ¼" EBW 495 Overwing Refueling Nozzle w/inlet swivel, strainer, dust cap & ground clip
7. Static Reel:
 - Hannay GR-75-50 Spring Rewind Static Reel w/50 ft. of plastic-coated cable & ground clip
8. Skid System:
 - Fabricated Steel, Perimeter Box Frame Skid with structural steel crossmember to support key equipment items. Primed & painted single color
9. Options:
 - Aluminum Cabinet Enclosure w/removable panels
 - Welded Steel Containment Pan w/drain
 - Combined with PFT Module as "Combo" System
 - 60 USGPM Overwing Capability
 - 100 USGPM Underwing Capability