



TURBINE ENGINE WASH SYSTEM

Model 12/075TEWS-USCG

NSN 1730-01-592-2166

NSN 1730PAFMC-18028 (USAF SPECIFIC)

Totally self-contained, the 12/075TEWS-USCG designed for the following:

Rolls Royce AE2100D; C130J Super Hercules, C27 Spartan, P-3 Orion. Allison T56; C130H Legacy Hercules, L-100, P-3 Orion, E-2 Hawkeye. CFM-56; KC-135 Tanker, B737, PW F117; C-17 Globemaster II, Boeing 757, Boeing C-32, KC-46 Pegasus.



The system is designed to support large aircraft turbine engine compressor washing and all its components. Set up time is 15 minutes or less at the aircraft and a complete wash/rinse cycle duration of 25 minutes or less for all four engines.

Dimensions	140"L x 74"W x 68"H (Steerable Axle)
System Weight	3116 Lbs Dry
Diesel Engine	Tier 4 Compliant, 20 Continuous HP, Water Cooled, Electric Start, 8 Gallon Fuel Tank
Fluid Tank Capacities	225-Gallon Rinse Water Tank Provides Water Capacity To Accommodate Four (4) C-130J Engine Wash/Rinse Cycles, (1 Wash, 3 Rinse). Translucent Tanks Enabling Sight Tank Fill Levels. An Air Blow Down System Is Provided For Fluid Line Freeze Protection. 60-Gallon Chemical (Gas Path Cleaner or De-Icing Fluid)
Fluid & Air Output Pressure	20-125 PSI (adjustable) @ 10GPM (Fluid Fixed) 30CFM - 110PSI - Air (Adjustable)
Operating Controls	Full Locking Enclosure Covers All Operating Components And Includes Easy To Use Operation Controls With Panel Lighting For Night Operation. Glow Plug Indicator, Starter Switch, Run Light, Low Oil Pressure Light, Low Voltage Light, Fuel Gauge (On Tank)
Trailer	4 Wheel Steerable (Flight Line Trailer, With Parking Brake Capable Of Holding Maximum Gross Weight Of The Cart, Fully Loaded, On A Three (3) Degree Slope, Powder Coated Paint With The Chassis Painted White And The Undercarriage Suspension And Wheels Painted Black. A Three (3) Pound Fire Extinguisher Is Mounted On Cart
Combination Water/Soap/Air Spring Retractable Hose Reels	4-Discharge Spring Retractable Reel System (Dual Air & Fluid) For Turbine Engine Washing. Include: Positive Locking Mechanism, 100' Fluid Hose Is 3/4" Black Nitrile Rubber Reinforced With Textile Braid Coated With Neoprene Rubber, 100' Air Hose Is 1/4", Red, And Secured Together With The Fluid Hose To Act As One Assembly
Auxiliary Air Hose And Spring Retractable Reel	Includes 100' Of 1/4" Air Hose Mounted On Spring Retractable Reel With Positive Locking Mechanism; Engine & Fluid Line Blow Out

1. Specifications are effective 2024 2. Specifications are subject to change without notice



Certified Systems Available



Auxiliary Water Hose And
Sprint Retractable Reel

Includes 100" Of 5/8" Water Hose Mounted On Spring Retractable Reel With
Positive Locking Mechanism, Trigger Gun/Wand/Nozzle for Rinsing
Exterior Of Engine Nacelles

Tool & Attachment

Air & Fluid Whip Hoses, Quick Disconnect For Foot (4) Reel. C130/j & H Model

Options

Nacelle Rinse Guns, KC-135 Intake Spray Wand C17 "Y" Splitter That Interfaces
With Aircraft Maintenance Operator Supplied Shepherd Hooks.

Optional Paint Colors

USAF SE Gray
USCG White
OD Green
Desert Tan
Hydro Blue

1. Specifications are effective 2024 2. Specifications are subject to change without notice



Certified Systems Available