DEPARTMENT OF THE AIR FORCE
97TH AIR MOBILITY WING (AETC)
ALTUS AIR FORCE BASE OKLAHOMA

16 March 2026

MEMORANDUM FOR 97 MX/MXOBP

FROM: 97AMW/MXMCF

SUBJECT: Air Compressor Replacements for Hangars 518

1. The 97th Maintenance Squadron is wanting to procure 1ea replacement air compressors used in performing aircraft maintenance. The air compressors will be used to replace the current worn, damaged air compressors. The current air compressors do not provide adequate air supply and quality. As a result, we experience excessive damage to tools and insufficient air supply required for use with the fall restraint systems. This creates safety hazards for personnel and potentially damaged tools.

Specifications

- Type: Two-Stage Reciprocating Air Compressor
- Intended Use: Heavy shop or industrial applications (e.g., automotive service, manufacturing, farming)
- Power: 25 HP (18.6 kW)
- Motor: 230/460V Open Drip Proof (ODP) motor with a 460V E-Series Starter
- Tank Size: 120-Gallon ASME-coded receiver tank
- Rated Pressure: 175 psig (12 bar g)
- Capacity (FAD): 82.0 cfm (2.32 m^3/min)
- Duty Cycle: 100% continuous duty
- Pump Life: Designed for over 15,000 hours of use
- Construction: Durable, 100% cast iron pump
- Weight (Air-cooled): 1951.62 lbs (887.1 kg)
- Dimensions: 76.0 in (L) x 51.0 in (W) x 62.0 in (H)
- Key Features:
- Air-cooled aftercooler
- Low oil level switch
- Electronic drain valve
- Dual control with a centrifugal unloader
- Maintenance: Uses All Season Select synthetic lubricant, allowing for 2,000 hours between changes.
- Designed for easy service with individually cast cylinders.
- Included Accessories: High Dust Filter Silencer and a standard installation kit.

- Electrical installation to include all materials for connecting to existing facilities without modifications.
- Mechanical installation to include all materials for connecting to existing facilities without modifications.