

ENGINE TECHNOLOGIES INC.
REPORT 35-4960002, REV. NONE, APRIL 27, 2009
INSTALLATION INSTRUCTIONS
FOR SPAR MOUNTED OXYGEN SYSTEM ON
HAWKER BEECHCRAFT
S35, V35, V35A, V35B, 35-C33A, E33A, F33A, AND G33 AIRCRAFT

CAUTION: KEEP HANDS, TOOLS, CLOTHING, AND OXYGEN EQUIPMENT CLEAN AND FREE FROM GREASE AND OIL. KEEP FIRE AND SPARKS AWAY FROM OXYGEN.

1. Check area ahead of front spar carry-through and verify that oxygen bottle may be installed as shown on sheet 3 of drawing 35-4950003 without interfering with critical aircraft systems.
2. Collect all parts needed for the installation as listed on drawings 35-4950001 and 35-4950002.
3. Install right and left oxygen port panels below lower instrument panel as shown on sheet 2 of drawing 35-4950003.
4. Remove upholstered side panels and route oxygen lines to outlet ports as shown on sheet 2 of drawing 35-4950003. Be sure to protect all lines as they pass through bulkheads with grommets. Support all lines with cable ties as required to prevent lines from interfering with other systems or electrical wiring.
5. Install oxygen bottle mounting brackets and angles as shown on sheet 3 of drawing 35-4950003.
6. Install gage and switch on instrument panel as shown on sheet 2 of drawing 35-4950003.
7. Wire electrically operated on/off valve connector and gage connector as shown on sheet 4 of drawing 35-4950003. Connect gage connector and route wiring to oxygen bottle valve.
8. Fill oxygen bottle with 99.99% pure oxygen. Install oxygen bottle and connect low-pressure oxygen line to electrical on/off valve and connect electrical connector to valve.
9. Open on/off valve to oxygen system and check all fittings for leaks and gage for proper operation. Use oxygen system leak testing soap to indicate any suspected leaks. Tighten fittings and/or replace components as required to eliminate leaks.