

| REVISION | | |
|----------|----------------------|--------------------------|
| CHG LTR | DESCRIPTION | BY DATE CHECKED APPROVED |
| A | SEE EO #4320 | 8/14/07 G BRALY |
| B | SEE EO #2438 | 8/7/07 G BRALY |
| C | SEE EO #1002 & #3463 | 9/12/07 G BRALY |
| D | SEE EO #1011 | 10/1/07 G BRALY |
| E | SEE EO #1022 | 10/11/07 G BRALY |
| F | SEE EO #1023 | 10/12/07 M SIEGLE |
| G | SEE EO #1037 | 12/11/07 G BRALY |
| H | SEE EO #1104 | 3/19/08 G BRALY |

NOTE: THE INSTALLATION OF A "SUPPLEMENTAL OXYGEN SYSTEM" IS AN OPTIONAL UPGRADE TO STC SA5223NM.

SUPPLEMENTAL OXYGEN SYSTEM INSTALLATION

AIRCRAFT MODEL(S): EARLY A36; G36 / OR BARON

VERTICALLY MOUNTED 77FT³ OR 115FT³ BOTTLE
LOCATED BEHIND THE AFT BULKHEAD (STA 190.0)

HIGH PRESSURE
CAPILLARY LINES

CONTROLLED BY A
REMOTE MOUNTED
PRESSURE TRANSDUCER
WITH ON/OFF VALVE

BAGGAGE COMPARTMENT MOUNTED GAGE FILLER PORT

USER PORTS
CANNULAS

NOTE: BOTTLE(S) SHALL CONFORM TO DOT EXEMPTION E-8162
AS PRODUCED IAW MANUFACTURERS CERTIFICATION.

OPTIONAL OF USING TYGON® COMMERCIAL GRADE TUBING
(FORMULATION B-44-3 OR B-44-4X OR OTHER EQUIVALENT) AS AN OPTIONAL
REPLACEMENT OF THE OXYGEN LINES.

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| PART NO. | DESCRIPTION | REFERENCE DRAWING NO. | QTY. |
|---------------------|------------------------------------|------------------------|----------|
| 7277-2-5 | CIRCUIT BREAKER | 5 AMP | 1 |
| ETI-B-5006-10 | FILLER BOX | | 1 |
| 19606-0003-00 | 3/16" HIGH-PRESSURE COPPER TUBING | 5' TUBING | AS REQD. |
| AN924-8D | BULKHEAD NUT | | 1 |
| NAS1149C0732R | WASHER SS | | 6 |
| MIL-W-22759/16-20-9 | WIRE | 20' WIRE | AS REQD. |
| FW-AL-T-282 | OPTIONAL 115 CU/FT KEVLAR BOTTLE | FOR RCV/RCR | 1 |
| 00CFC-0020-00 | USER PORTS | FOR USER PORTS | 6 |
| 00BLT-1020-00 | DELUXE FILL STATION | | 1 |
| 19605-0002-00 | 1/8" COPPER TUBING | 8' TUBING | AS REQD. |
| 00CYL-1054-00 | 115 CU/FT KEVLAR WRAPPED BOTTLE | | 1 |
| 00CMK-0012-02 | 115 BOTTLE CYLINDER MOUNT KIT | | 1 |
| AVCYR-0100-02 | 24V RCV/RCR (NO DIP TUBE) | | 1 |
| 00BLT-1072-00 | 1.25" 12V GAGE (WITH SENDING UNIT) | | 1 |
| 00XCP-1071-00 | MH4 FLOWMETER, MASK, AND CANNULA | | 6 |
| 00MAN-0026-00 | LOW-PROFILE HIGH PRESSURE MANIFOLD | | 1 |
| 00MAN-0002-01 | LOW-PRESSURE MANIFOLD | FOR USER PORTS | 3 |
| 00HDW1350-00 | 6mm STRAIGHT FITTING | | 3 |
| 00HDW1353-00 | 6mm 90° FITTING | | 2 |
| AP323994 | BUTT SPLICES | | 15 |
| AP36154 | CONNECTOR EYELET | | 4 |
| 56121-02 | 1/8" PIPE PLUG | | 1 |
| AS21919WDG04 | ADEL CLAMP | | 6 |
| MS35489-6 | GROMMET | 20' TUBING | 4 |
| 00HDW-0014-20 | 6mm POLYURETHANE TUBE | NOT SUPPLIED | AS REQD. |
| 1300L | 3D ADHESIVE | | AS REQD. |
| NAS1149F0463P | WASHER | | 16 |
| NAS1149F0332P | WASHER | | 24 |
| MS21044N4 | NUT | | 8 |
| MS21045-3 | NUT | | 12 |
| CR3213-4-2 | RIVET | | 60 |
| AN4-6A | BOLT | | 8 |
| AN3-3A | BOLT | | 12 |
| ETI-B-5006P6-D | SWITCH ASSEMBLY | ETI-B-5006-1-L SHEET 5 | 1 |
| ETI-B-5006P6-C | DB-09 RCV/RCR CONNECTOR W/ HARNESS | ETI-B-5006-1-L SHEET 5 | 1 |
| ETI-B-5006P6-B | DB-09 GAGE CONNECTOR W/ HARNESS | ETI-B-5006-1-L SHEET 5 | 1 |
| ETI-B-5006P3-C | HORIZONTAL STIFFENER | | 2 |
| ETI-B-5006P3-D | SPACER | | 2 |
| ETI-B-5006P3-G3 | BRACKET SPACER | | 2 |
| ETI-B-5006P3-G1-R | BRACKET SPACER | | 1 |
| ETI-B-5006P3-A | VERTICAL STIFFENER | | 1 |
| ETI-B-5006P3-M | TUBE PROTECTOR | | 1 |
| ETI-B-5006P3-G2-R | BRACKET SPACER | | 1 |
| ETI-B-5006P3-E | LOWER FORWARD SUPPORT | | 2 |
| ETI-B-5006P3-F | LOWER AFT SUPPORT | | 2 |
| ETI-B-5006P6-E | BOTTLE WRAP | | 2 |
| ETI-B-5006P-L4 | PLACARD | | 1 |
| ETI-B-5006P-L3 | PLACARD | | 1 |
| ETI-B-5006P-L2 | PLACARD | | 1 |
| ETI-B-5006P-L1 | PLACARD | | 1 |
| ETI-B-5006P3-JR | CUSHION | | 1 |

| DIMENSIONS ARE IN INCHES TOLERANCES ARE ANGLES | | FRACTIONS: 2/118 | |
|---|-------|------------------|----|
| DECIMALS | MACH | FORMED | ST |
| 0.0001/0.0 | ±0.00 | | |

| UNLESS OTHERWISE SPECIFIED | | ENGINE TECHNOLOGIES, INC. | |
|----------------------------|-----------------|---------------------------|--|
| DRAWN: | CALEB CHRISTIAN | 5/03/06 | |
| CHECK: | M. SIEGLE | 10/1/07 | |
| STRESS: | | | |
| APPROVED: | G. BRALY | 10/1/07 | |

| DRAWING NO: | | REV: | |
|----------------|--|------|--|
| ETI-B-5006-1-R | | H | |

| TITLE: | | SCALE: NTS | |
|-------------------|--|------------|--|
| R/H OXYGEN SYSTEM | | 1:1 OF 5 | |

| 400 AIRPORT ROAD ADA, OKLAHOMA 74820 | |
|---|--|
| ENGINE TECHNOLOGIES, INC. | |