

REVISION		
CHG LTR	DESCRIPTION	BY DATE CHECKED APPROVED
A	SEE EO #344-1	8/14/07 G. BRALY
B	SEE EO #343-4	8/17/07 G. BRALY
C	SEE EO #1003	9/12/07 G. BRALY
D	SEE EO #1012	10/1/07 G. BRALY
E	SEE EO #1037	12/11/07 G. BRALY
F	SEE EO #1105	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): LATE A36 / OR BARON**

VERTICALLY MOUNTED 77FT<sup>3</sup> OR 115FT<sup>3</sup> BOTTLE  
LOCATED BEHIND THE AFT BULKHEAD (STA 190.0)

CONTROLLED BY A  
REMOTE MOUNTED  
ELECTRICALLY OPERATED VALVE  
PRESSURE TRANSDUCER  
WITH AN ON/OFF SOLENOID

BAGGAGE COMPARTMENT MOUNTED GAGE FILLER PORT

PANEL MOUNTED GAGE AND SWITCH

LOW PRESSURE TUBING

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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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 RECD.
AN924-8D	BULKHEAD NUT	FOR RCV/RCR	1
NAS1149C0732R	WASHER SS	FOR USER PORTS	6
MIL-W-22759/16-20-9	WIRE	20' WIRE	AS RECD.
FW-AL-T-282	OPTIONAL 115 CU/FT KEVLAR BOTTLE		1
00CPC-0020-00	USER PORTS		6
00BLT-1020-00	DELUXE FILL STATION		1
19605-0002-00	1/8" COPPER TUBING	8' TUBING	AS RECD.
00CYL-1054-00	115 CU/FT KEVLAR WRAPPED BOTTLE		1
00CMK-0012-02	115 BOTTLE CYLINDER MOUNT KIT		1
AVCYR-0100-02	24V RCV/RGR (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		4
00HDW-0014-20	6mm OD x 4mm ID POLY TUBING	20' TUBING	AS RECD.
1300L	3D ADHESIVE	NOT SUPPLIED	AS RECD.
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/RGR 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	SEE ETI-B-5006-1	2
ETI-B-5006P3-D	SPACER	SEE ETI-B-5006-1	2
ETI-B-5006P3-G3	BRACKET SPACER	SEE ETI-B-5006-1	2
ETI-B-5006P3-G1-L	BRACKET SPACER	SEE ETI-B-5006-1	1
ETI-B-5006P3-A	VERTICAL STIFFENER	SEE ETI-B-5006-1	1
ETI-B-5006P3-M	TUBE PROTECTOR	SEE ETI-B-5006-1	1
ETI-B-5006P3-G2-L	BRACKET SPACER	SEE ETI-B-5006-1	1
ETI-B-5006P3-E	LOWER FORWARD SUPPORT	SEE ETI-B-5006-1	2
ETI-B-5006P3-F	LOWER AFT SUPPORT	SEE ETI-B-5006-1	2
ETI-B-5006P6-E	BOTTLE WRAP	SEE ETI-B-5006-1	2
ETI-B-5006P-14	PLACARD	SEE ETI-B-5006-1	1
ETI-B-5006P-13	PLACARD	SEE ETI-B-5006-1	1
ETI-B-5006P-L2	PLACARD	SEE ETI-B-5006-1	1
ETI-B-5006P-L1	PLACARD	SEE ETI-B-5006-1	1
ETI-B-5006P3-J	CUSHION	SEE ETI-B-5006-1	1
PART NO.	DESCRIPTION	REFERENCE DRAWING NO.	QTY.

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ARE

DECIMALS

FRACTIONS ± 1/16

ANGLES

FORMED

±1



400 AIRPORT ROAD  
ADA, OKLAHOMA 74820

DRAWN: CALIB CHRISTIAN 5/03/06

CHECK: M. SIEGLE 10/1/07

STRESS: G. BRALY

APPROVED: G. BRALY 10/1/07

DRAWING NO: ETI-B-5006-1-L

REV: F

L/H OXYGEN SYSTEM

SCALE: NTS

SHEET 1 OF 5

