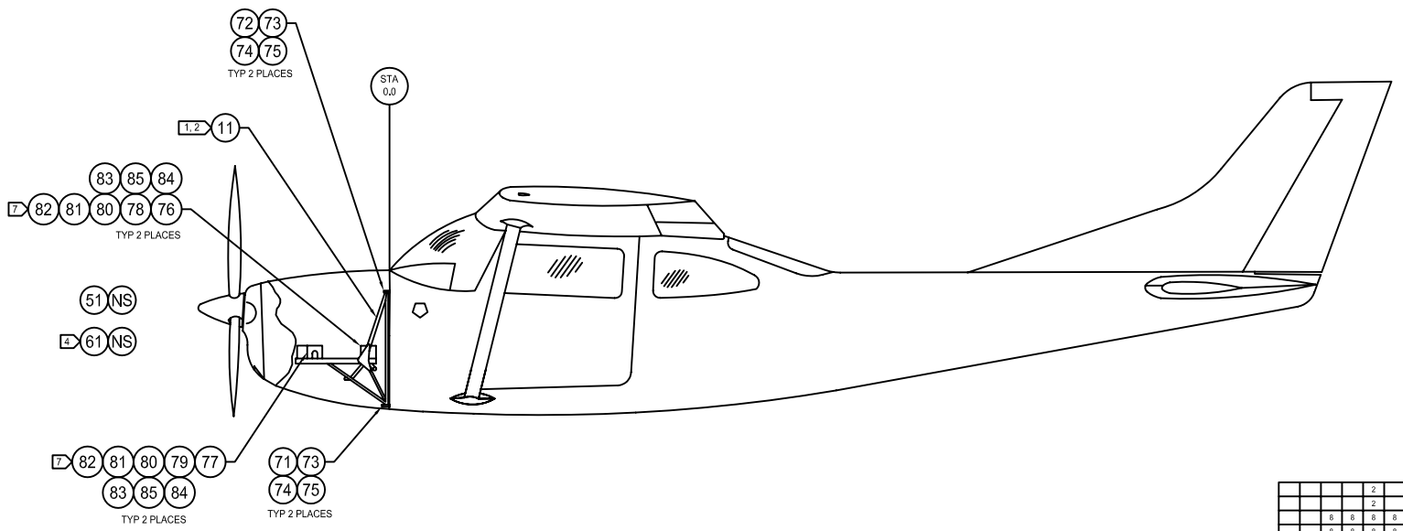
REVISIONS		REV STATUS OF SHEETS	SHT	1	2																			
			REV	A	A																			

REV	ZONE	DESCRIPTION	DATE	REVISED BY	APPROVED
A	VARIOUS	REV INST'NS; ADD 400-2, 440-2, 460-2 MNTS; EDITORIAL.	10 MAR 03	TCC	



1 INSTALLATION, ENGINE MOUNT

NOTES:

1. REMOVE EXISTING ENGINE MOUNT AND REPLACE WITH NEW MOUNT (AS APPLICABLE). INSTALL ENGINE MOUNT ASSEMBLY IN ACCORDANCE WITH THE APPLICABLE CESSNA ILLUSTRATED PARTS CATALOG AND SERVICE MANUAL, USING HARDWARE CALL-UP AS PER CESSNA IPC. USE METAL BUSHINGS AS NOTED IN PLACE OF RUBBER BUSHINGS AT FIREWALL ATTACHMENTS.
2. INSTALL AND TEST ENGINE MOUNT, ENGINE, AND RELATED COMPONENTS AS PER CESSNA SERVICE MANUAL AND ILLUSTRATED PARTS CATALOG FOR THE APPLICABLE AIRCRAFT MODEL.
3. CHECK CONDITION OF ENGINE COWL MOUNTING RUBBERS. REPLACE ANY RUBBERS THAT ARE IN POOR CONDITION.
4. ON ENGINE INSTALLATION HEAT MUFF SHROUD MAY INTERFERE WITH MOUNT LOWER CROSS TUBE. IF REQUIRED, ROTATE HEAT MUFF SHROUD TO CORRECT PROBLEM. ELONGATE EXHAUST PIPE HOLE DOUBLER (P/N 401-7) IAW AC 43.13-1B, CHG 1, PARA 8-50.
5. SHIM ENGINE MOUNT TOP MOUNTING LOCATIONS AT FIREWALL AS REQ'D TO CORRECT ANY MISALIGNMENT. USE CESSNA S1450-23H16-095 OR AN970-6 WASER OF EQUIVALENT THICKNESS.
6. V-BRACE (INST'N 110-1) MAY BE INSTALLED AS AN OPTION FOR CESSNA 182E TO 182R MODELS. CABIN WIRES (INST'N 120-1) MAY BE INSTALLED AS AN OPTION ON CESSNA 180, 182 AND 185 MODELS. IF CABIN WIRES ARE INSTALLED REPLACE BOLT, ITEM 72, WITH AN6-27A.
7. ALTERNATE PART NUMBERS MAY BE SUBSTITUTED (AS SHOWN).
8. RE-ALIGN MIXING VALVE TO CLEAR ENGINE MOUNT MEMBERS (ALSO SEE DWG 101). ON SOME EARLY MODELS, IT MAY BE NECESSARY TO UPDATE TO NEW STYLE CESSNA CABIN HEAT VALVE (CESSNA P/N 0753011-1 OR 0753011-3, NOT SUPPLIED).
9. TO CORRECT FOR MISALIGNMENT AT ENGINE MOUNT ATTACHMENT LOCATIONS, USE ITEM 66 BUSHING IN PLACE OF ITEM 65. MARK CENTER OF MOUNTING POINT USING ENGINE MOUNT AS A TEMPLATE. DRILL THRU BUSHING 0.375" DIA (MAX TWO ITEM 66 BUSHINGS PER INST'N).

ELIGIBILITY TABLE

INST'N	SPW ENGINE MOUNT	ELIGIBLE AIRCRAFT		FUEL INJECTED/ CARBURETOR	LAND / FLOAT PLANE	REPLACES CESSNA P/N
		MODEL	S/N'S			
-1	400-1	180G TO 180K	18051313 TO 18053202	CARBURETOR	LAND OR FLOAT	0751001-13 0751001-25 0751001-27
	440-1	182E TO 182R	18253599 TO 18268615	CARBURETOR	LAND OR FLOAT	0751600-1
	440-2			FUEL INJECTED		
-2	400-1	180C TO 180F	18050662 TO 18051312	CARBURETOR	LAND OR FLOAT	0751001-27
	480-1			FUEL INJECTED		
	400-2	182 TO 182D	18233000 TO 18253598	CARBURETOR	LAND OR FLOAT	0751001-13
-3	460-1	182E TO 182R	18253599 TO 18268615	CARBURETOR	LANDPLANE ONLY	0751600-1
	460-2			FUEL INJECTED		
-4	480-1	180G TO 180K	18051313 TO 18053202	FUEL INJECTED	LAND OR FLOAT	0751001-27
		185 TO A185F	185-0001 TO 18504448	FUEL INJECTED	LAND OR FLOAT	0751003-30 0751003-31 0751007-16

			2		87	AN6-27A	BOLT		
			2		86	AN6-33A	BOLT		
	6	6	6	6	85	NAS1149F0432P	WASHER		
	6	6	6	6	84	MS21044N4	NUT		
	6	6	6	6	83	AN4-7A	BOLT		
	4	4	4	4	82	627773	BARREL NUT	CESSNA	
7	4	4	4	4	81	401-12	TAB WASHER	SEAPLANES WEST	
						0851558-1	TAB	CESSNA	
7	4	4	4	4	80	1650040-1	SPACER	CESSNA	
						401-3	SPACER	SEAPLANES WEST	
	2	2	2	2	79	AN7-50A	BOLT		
	2	2	2	2	78	AN7-46A	BOLT		
	2	2	2	2	77	J15199-2	FWD SHOCK MOUNT	LORD	
	2	2	2	2	76	J15199-1	AFT SHOCK MOUNT	LORD	
	4	4	4	4	75	MS21045N6	NUT		
						S1450-23H16-095	WASHER	CESSNA	
7	4	4	4	4	74	401-11	WASHER (HARDENED)	SEAPLANES WEST	
						0550153-1	WASHER	CESSNA	
	4	4	4	4	73	NAS1149F0663P	WASHER		
	2	2		2	72	AN6-26A	BOLT		
	2	2		2	71	AN6-32A	BOLT		
			A/R		66	401-10	BUSHING	SEAPLANES WEST	
			4		65	401-9	BUSHING	SEAPLANES WEST	
			2		64	401-8	SPACER	SEAPLANES WEST	
		2			63	401-6	SPACER	SEAPLANES WEST	
			2		62	401-5	SPACER	SEAPLANES WEST	
4	1	1	1	1	61	401-7	HEAT MUFF SHROUD DOUBLER	SEAPLANES WEST	
8	1		1	1	51	101-1	INSTALLATION, MIXING VALVE MODIFICATION		
	1				41	480-1	ENGINE MOUNT (NARROW, Fil)	SEAPLANES WEST	
		1			31	460-2	ENGINE MOUNT (WIDE, Fil, LIGHT WT)	SEAPLANES WEST	
						460-1	ENGINE MOUNT (WIDE, CARB, LIGHT WT)	SEAPLANES WEST	
						480-1	ENGINE MOUNT (NARROW, Fil)	SEAPLANES WEST	
		1			21	400-2	ENGINE MOUNT (NARROW, CARB)	SEAPLANES WEST	
						400-1	ENGINE MOUNT (NARROW, CARB)	SEAPLANES WEST	
						440-2	ENGINE MOUNT (WIDE, Fil)	SEAPLANES WEST	
				1	11	440-1	ENGINE MOUNT (WIDE, CARB)	SEAPLANES WEST	
						400-1	ENGINE MOUNT (NARROW, CARB)	SEAPLANES WEST	
					4	-4	INSTALLATION, ENGINE MOUNT		
					3	-3	INSTALLATION, ENGINE MOUNT		
					2	-2	INSTALLATION, ENGINE MOUNT		
					1	-1	INSTALLATION, ENGINE MOUNT		
QUANTITY PER ASSEMBLY					ITEM	PART/IDENTIFYING NUMBER	NOMENCLATURE/DESCRIPTION	VENDOR	MATERIAL/SPECIFICATION

UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES (MILLIMETRES).
2. REMOVE BURRS AND BREAK SHARP EDGES 0.020" RADIUS.
3. MINIMUM CORNER RADIUS 0.25".
4. MINIMUM 2D EDGE DISTANCE ON ALL FASTENERS.
5. TOLERANCES: DECIMALS .XX ±.03 .XXX ±.010; ANGULAR ±1°; SURFACE 125

INTERPRET TO ANSI Y14.5M

MANUFACTURER	CESSNA	DRAWN BY	T.C. CLARK 31 MAY 2002
MODEL	180 / 182 / 185	CHECKED BY	T.C. CLARK 14 JUNE 2002
ELIGIBILITY	SEE ELIGIBILITY TABLE	APPROVED BY	A.B. MARKOV 19 JULY 2002

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Seaplanes West Inc.
#61, 52210 RR 232
Sherwood Park, Alberta
Canada T8B 1B9

INSTALLATION ENGINE MOUNT CESSNA 180 / 182 / 185

SIZE	DWG. NO.	REV.
D	100	A

SCALE: 1 : 10 | ATA: | SHEET: 1 of 2

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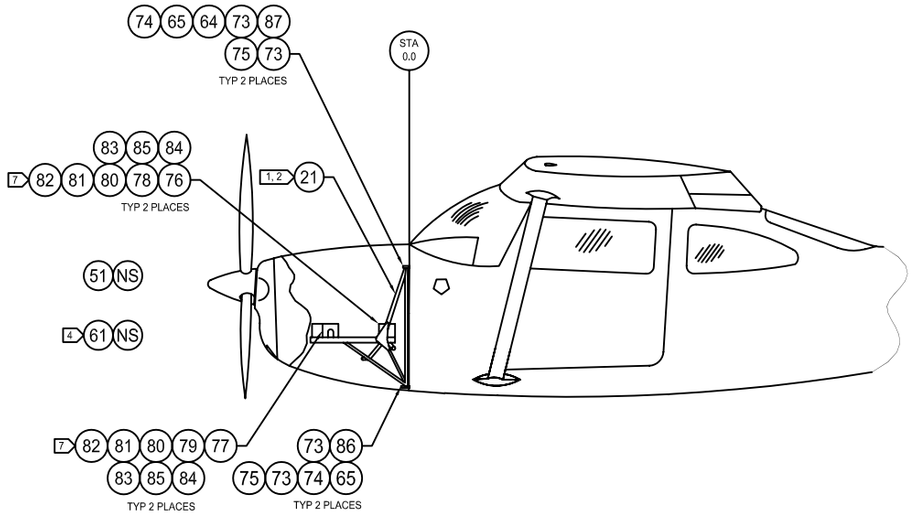
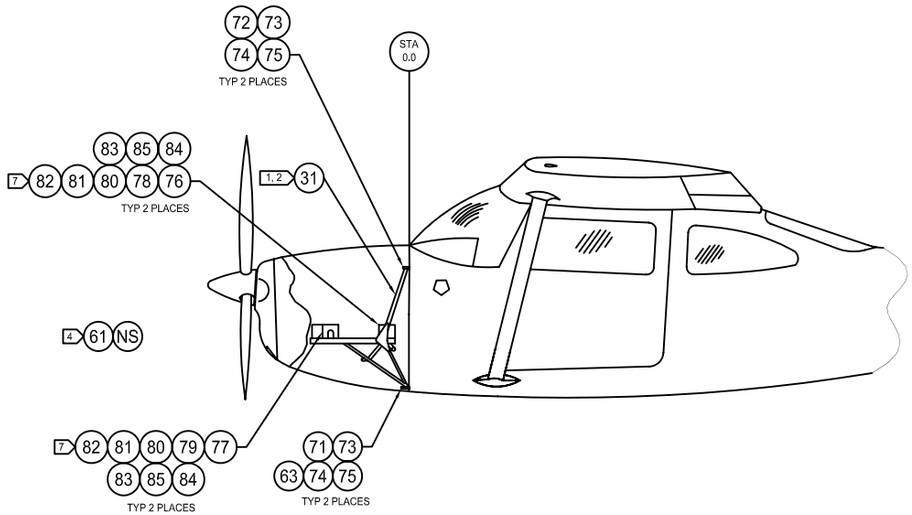
REVISIONS

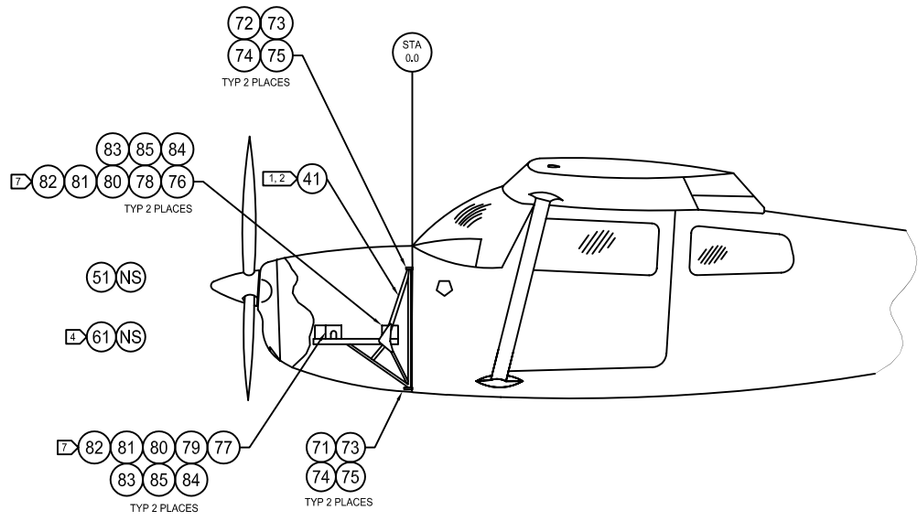
REV	ZONE	DESCRIPTION	DATE	REVISED BY	APPROVED
A	VARIOUS	REV INSTNS; ADD 400-2, 440-2, 460-2 MNTS; EDITORIAL.	10 MAR 03	TCC	



2 INSTALLATION, ENGINE MOUNT



3 INSTALLATION, ENGINE MOUNT



4 INSTALLATION, ENGINE MOUNT

Seaplanes West Inc.
#61, 52210 RR 232
Sherwood Park, Alberta
Canada T8B 1B9

INSTALLATION
ENGINE MOUNT
CESSNA 180 / 182 / 185

SIZE	DWG. NO.	REV.
D	100	A

APPROVED BY: A.B. MARKOV | DATE: 19 JULY 2002
SCALE: 1 : 10 | ATA: | SHEET: 2 of 2

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