

APPLICABLE TO HIGH SKID GEAR INSTALLATION WITH FAIRINGS NOT INSTALLED

AIRCRAFT SKID GEAR MODIFICATION REQUIREMENTS

1. LOCATE SNOW PAD ON SKID TUBE AS SHOWN. VERIFY THAT THE SNOW PAD IS PARALLEL TO THE FLOOR.
2. MARK HOLE LOCATION FOR THROUGH BOLTS SHOWN IN VIEW A-A. ALLOW 0.25 CLEARANCE FROM AFT EDGE OF CUT-OUT TO CROSS TUBE ATTACH SCREWS.
3. CHECK HOLES LOCATION BY MOVING THE SNOW PAD 1.5 INCHES AFT FROM THE MARKS. VERIFY SUFFICIENT CLEARANCE BETWEEN THE CROSS TUBE AND FORWARD EDGE OF THE CUT-OUT TO REMOVE THE SNOW PAD FROM THE BUSHINGS (SEE VIEW A-A COMPONENTS).
4. DRILL INDICATED HOLES THROUGH THE CENTER OF THE SKID, PARALLEL TO THE FLOOR.
5. TEMPORARILY INSTALL DOUBLERS. MATCH DRILL INDICATED HOLES FOR RIVETS THEN DEBURR.
6. SEAL DOUBLERS USING MIL-S-8802F CLASS 2 SEALANT OR EQUIVALENT.
7. IF SKID TUBE DIAMETER TAPERS AFT THEN USE ITEM 6 RIVETS IN EACH AFT DOUBLER (TYP. 2 PLCS EACH SKID). INSERT ITEM 9 WASHER (3X) UNDER EACH AFT BUSHING ITEM 3.
8. INSTALL INDICATED HARDWARE AND TORQUE NUTS TO 80-100 IN-LBS.
9. INSTALL SNOW PADS AND LOCK IN PLACE. ADJUST LOCK-ARMS TO FULLY ENGAGE BRACKETS.
* NOTE: LOCK-ARM HEIGHT IS ADJUSTED BY TRANSFERRING WASHERS FROM UNDER THE SWIVEL BRACKETS TO UNDER THE NUTS ON THE BOTTOM OF THE PAD. ADJUST SWIVEL BRACKETS ON EACH SIDE OF ARM EQUALLY. MAKE ADJUSTMENTS TO EACH PAD INDEPENDENTLY.
10. REFERENCE APPLICABLE MANUFACTURER'S MAINTENANCE MANUAL VERIFY THAT EMPTY WEIGHT AND CENTER OF GRAVITY IS WITHIN AFT LIMIT WITH SNOW PAD'S INSTALLED, AND WITHIN FORWARD AND LATERAL LIMITS WITH SNOW PAD'S REMOVED. BALLAST AS NECESSARY TO MEET THESE REQUIREMENTS.

SNOWPAD INSTALLATION INSTRUCTIONS

1. SLIDE PAD ASSY. OVER SKID AND POSITION AS SHOWN
2. POSITION ARM OVER TUBE AND LOCK DOWN USING QUICK RELEASE PIN.
3. UPDATE AIRCRAFT WEIGHT & BALANCE AND EQUIPMENT LIST
4. INSTALLATION WEIGHT: 31.5 LBS STA: 133 (206A/B), STA: 161 (206L-SERIES)
MOMENT: 4190 LB-IN (206A/B), 5072 LB-IN (206L-SERIES)
5. PROVISIONS WEIGHT: 1.4 LBS STA: 99 (206A/B), STA: 158 (206L-SERIES)
MOMENT: 139 LB-IN (206A/B), 221 LB-IN (206L-SERIES)
6. MAKE ENTRY IN AIRCRAFT LDG BOOK PER FAR PART 43

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PROTO
N/C

SHEET	REV	DATE	DESCRIPTION	APR	CHK
1	A	10/30/95	REDRAWN	REB	REB
1,2	B	02/16/96	SHT2-ADDED NOTE & CR3213-4-3 RIVET CR3213-4-4 WAS CR3243-4-4 RIVET	REB	REB
1	C	04/10/14	ADDED WT & BAL. FOR PROVISIONS IN INSTALL. INSTR. NOTE 5		JK LL

SNOWPAD REMOVAL INSTRUCTIONS

1. RELEASE ARM BY REMOVING PIN AND ROTATE ARM OFF OF SKID.
2. SLIDE PAD ASSY. AFT AND REMOVE FROM SKID
3. PERFORM ITEM 3, 4, & 5 OF SNOWPAD INSTALLATION INSTRUCTIONS

INSTRUCTIONS FOR CONTINUED AIR WORTHINESS

AT BEGINNING OF SNOW SEASON AND/OR 100 HOUR INTERVALS AS APPLICABLE:

REMOVE SNOW PADS; INSPECT SKID TUBE DOUBLER INSTALLATIONS FOR SECURITY OF RIVETS. INSPECT SECURITY OF INSTALLED BUSHING AND AN6H-46A BOLT THROUGH SKID. LOOK FOR SIGNS OF MOVEMENT. REPLACE DOUBLER INSTALLATION (P/N 206SP-2510-1) IF NECESSARY.

INSPECT ATTACH BRACKET INSTALLATION ON BOTTOM OF SNOW PAD. REPLACE BRACKET IF SLOT WIDTH IS GREATER THAN 0.558 INCH AT ANY POINT.

INSPECT SNOW PAD PANELS FOR SCRATCHES OR FRACTURES. DAMAGE TO THE FIBERGLASS PANEL MUST BE REPAIRED IN ACCORDANCE WITH AC43.13-1A, CHAPTER 2, SECTION 4.

INSPECT SNOW PAD PANEL EDGES FOR SIGNS OF DELAMINATION. TAP RANDOMLY OVER PANEL SURFACES, LISTENING FOR THE HOLLOW SOUND INDICATING POSSIBLE DELAMINATION. REPLACE SNOW PAD PANEL WHEN ANY DELAMINATION AREA GREATER THAN 2 SQ. INCHES OR MORE THAN ONE AREA IS FOUND.

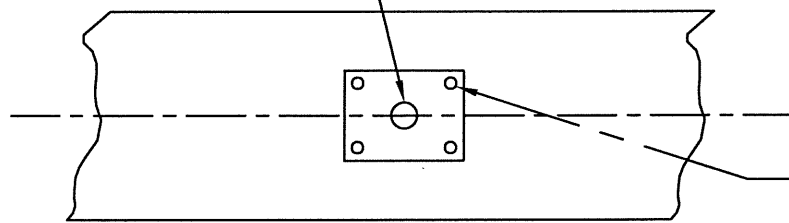
REINSTALL SNOW PADS. SEE STEP 6 OF INSTALLATION INSTRUCTIONS TO ADJUST LOCK-ARMS.

NOTE:

INSTALLATION REQUIRES PAD ASSY ON BOTH LEFT AND RIGHT SKID
RIGHT SIDE SHOWN, USE SAME PROCEDURES FOR LEFT SIDE INSTALLATION.

Paravion® Technology Inc.		TITLE SNOW-PAD INSTALLATION		DRAWING NO. 206SP-100	
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE
TOLERANCES EXCEPT WHERE NOTED:		RHSM	REB	REB	11/08/93
.X = ± .1		ECO			07/17/00
.XX = ± .05		DO NOT SCALE DRAWING			REV
.XXX = ± .010					C
ANGLES = ± 1°					ECO
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MATCH DRILL $\phi 0.377$
FROM ITEM ① OR ②



MATCH DRILL $\phi 0.128 \pm \begin{matrix} 0.003 \\ 0.002 \end{matrix}$
FROM ITEM ④
(TYP. 4 PLCS)

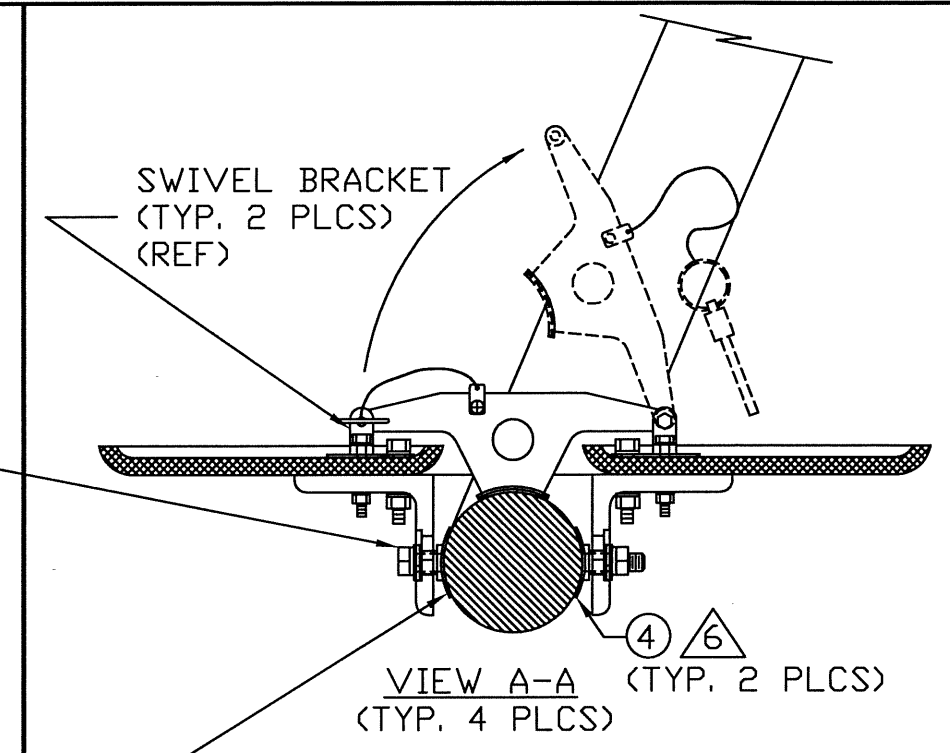
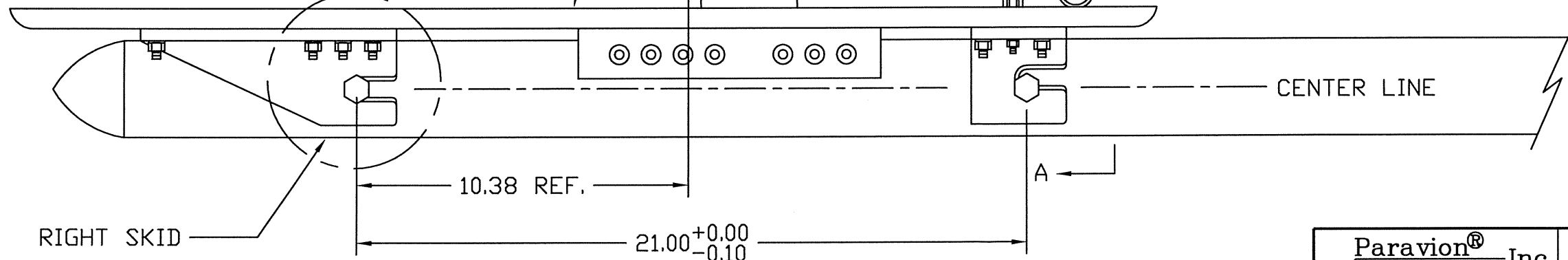
VIEW B

206SP-1000 REMOVED FOR CLARITY
(TYP. 4 PLCS)

REAR CROSS TUBE

② (RIGHT SIDE)
① (LEFT SIDE)
③

VIEW B



⑧ ⑤
③ (TYP. 2 PLCS)
⑩ (TYP. 2 PLCS)
⑧

⑦ (TYP. 16 PLCS)
⑦

-1 INSTALLATION

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PROTO
N/C

Paravion® Technology Inc.		TITLE SNOW-PAD INSTALLATION		DRAWING NO. 206SP-100	
DIMENSIONS IN INCHES					
TOLERANCES EXCEPT WHERE NOTED:					
.X	= ± .1	DRAWN BY RHSM		APRVD. BY REB	CHK'D BY REB
.XX	= ± .05	ECO		DATE 11/08/93	REV C
.XXX	= ± .010	DO NOT SCALE DRAWING		07/18/00	ECO
ANGLES = ± 1°					SHEET 2 OF 2
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Bill of Materials

*206SP-100-1, REV. C

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*206SP-100-1, REV. C	SNOW PAD INST'N	1	KIT
1	206SP-1000-1	PAD ASSEMBLY	1	EA
2	206SP-1000-2	PAD ASSEMBLY	1	EA
3	206SP-2500-1	BUSHINGS	8	EA
4	206SP-2510-1	DOUBLER	8	EA
5	AN6-46A	BOLT	4	EA
6	CR3213-4-3	RIVET	16	EA
7	CR3213-4-4	RIVET	32	EA
8	MS21042L6	NUT	4	EA
9	NAS1149F0632P	WASHER	12	EA
10	NAS1149F0663P	WASHER	8	EA