

REVISIONS

E.C. NO.	REV.	DESCRIPTION	BY	DATE
1183	B	NOTE ADDED	HO	1/99
1842	C	ADDED PART NUMBERS	KL	3/01

NOSE CONE INSTALLATION NOTES:

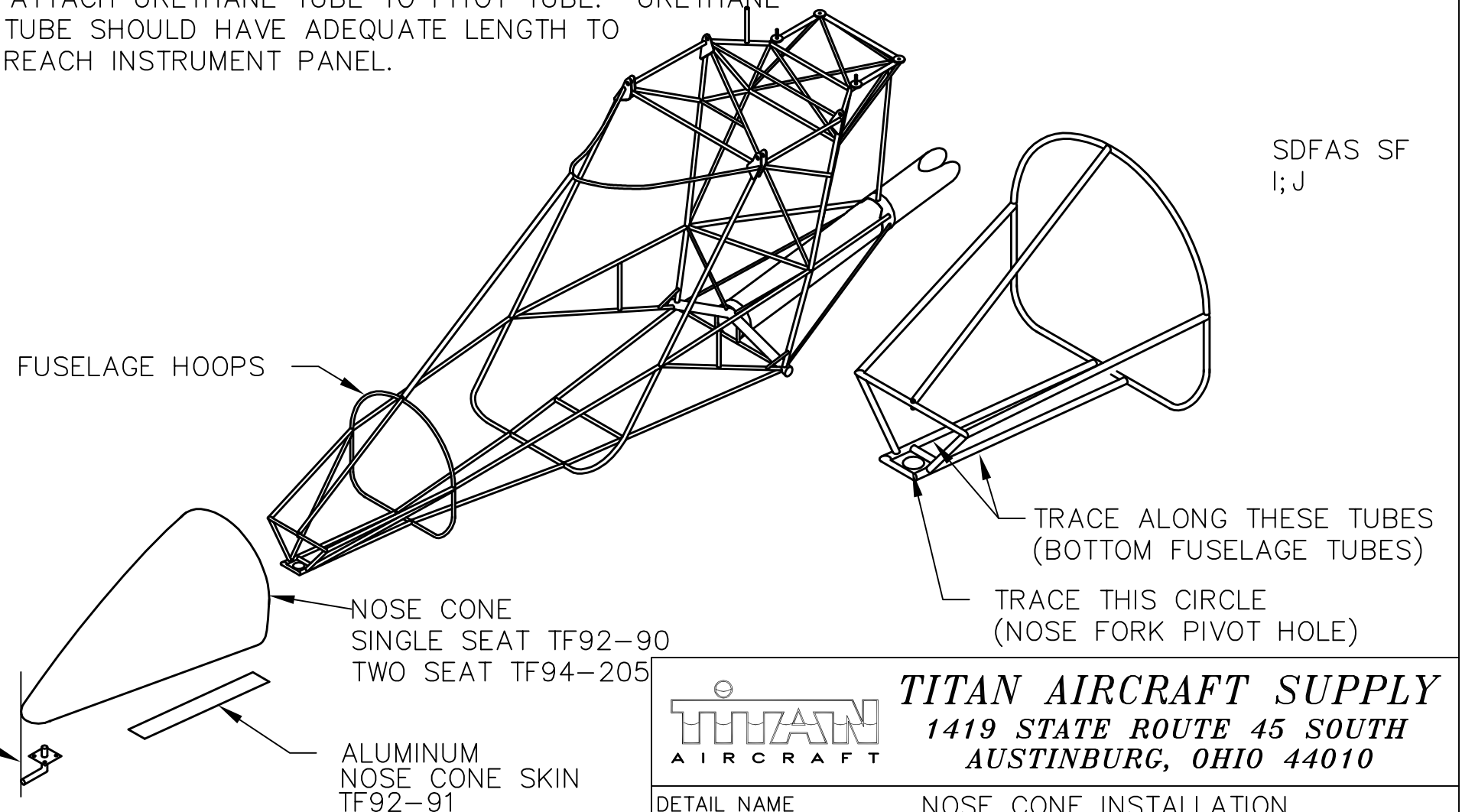
- REMOVE NOSE FORK FROM FUSELAGE.
- SLIDE NOSE CONE ONTO FUSELAGE. NOSE CONE SHOULD BE FLUSH AGAINST THE BOTTOM FUSELAGE TUBES AND EXTEND PAST THE FUSELAGE HOOPS. ENSURE THE NOSE CONE IS STRAIGHT ON THE FUSELAGE.
- IF NOSE CONE DOES NOT SLIDE OVER FUSELAGE HOOPS MAKE A CUT ALONG THE BOTTOM CENTER OF NOSE CONE, STAYING WITHIN THE CUTOUT AREA.
- TRACE THE INSIDE EDGE OF THE BOTTOM FUSELAGE TUBES AND NOSE FORK PIVOT HOLE ONTO NOSE CONE.
- REMOVE NOSE CONE FROM FUSELAGE AND CUT OUT SECTION OF NOSE CONE ALONG LINES DRAWN.
- DAMPEN NOSE CONE WHERE FUSELAGE HOOPS RIDE WITH A MOIST CLOTH. SLIDE NOSE CONE BACK ONTO THE FUSELAGE. ENSURE THE NOSE CONE IS STRAIGHT ON THE FUSELAGE.
- WITH NOSE CONE DAMPENED, THE EXISTING HOLES THRU THE FUSELAGE HOOPS SHOULD BE VISIBLE. DRILL MOUNTING HOLES THRU NOSE CONE WITH #30 DRILL (.1285 DIA. USING EXISTING HOLES AS A GUIDE. THE AREA OF FUSELAGE HOOPS WITHOUT EXISTING HOLES DRILL ON 2.000 INCH CENTERS.
- DRILL MOUNTING HOLES THRU NOSE CONE AND BOTTOM FUSELAGE TUBES WITH #30 DRILL (.1285 DIA.
- SLIDE ALUMINUM NOSE CONE SKIN BETWEEN NOSE CONE AND FUSELAGE IN AREA OF THE CUTOUT. CENTER THE SKIN BETWEEN BOTTOM FUSELAGE TUBES. DRILL MOUNTING HOLES THRU SKIN USING EXISTING HOLES IN NOSE CONE AS A GUIDE.
- INSTALL PITOT TUBE IN NOSE CONE PRIOR TO FINAL ASSEMBLY. FINAL ASSEMBLY OF NOSE CONE SHOULD BE COMPLETED AT THE SAME TIME AS THE BELLY SKINS. RIVET WITH AD44ABSLF RIVETS (.125 DIA X .390 LONG).

PITOT TUBE INSTALLATION:

- PITOT TUBE MUST BE CENTERED ON NOSE CONE.
- TUBE SHOULD NOT EXTEND BEYOND FRONT OF NOSE CONE.
- DRILL .250 INCH DIA HOLE THRU NOSE CONE FOR PITOT TUBE INSERTION.
- DRILL (4) #30 DRILL (.1285 DIA. MOUNTING HOLES THRU NOSE CONE. USE EXISTING HOLES IN PITOT TUBE AS A GUIDE.
- MOUNT PITOT TUBE FROM INSIDE NOSE CONE.
- RIVET PITOT TUBE FROM OUTSIDE NOSE CONE. USE AD42ABSLF RIVETS (.125 DIA X .265 LONG).
- ATTACH URETHANE TUBE TO PITOT TUBE. URETHANE TUBE SHOULD HAVE ADEQUATE LENGTH TO REACH INSTRUMENT PANEL.

NOTE:

AIRCRAFT WITH BATTERY BOX IN THE NOSE CONE SHOULD HAVE THE BATTERY INSTALLED DURING NOSE CONE INSTALLATION TO INSURE SUFFICIENT CLEARANCE



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DETAIL NAME		NOSE CONE INSTALLATION	
SCALE	N/A	PART NO.	
ASSEMBLY NAME		ALL TORNADO AIRCRAFT	
PART NO.		DRAWING NO.	
DRAWING NO.		B 92-INS-0269-C	

DRAWN	J. PRESTON	DATE	10/6/92
CHECKED	R. INGLE	DATE	3/2/01
APPROVED	J. WILLIAMS	DATE	3/2/01

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