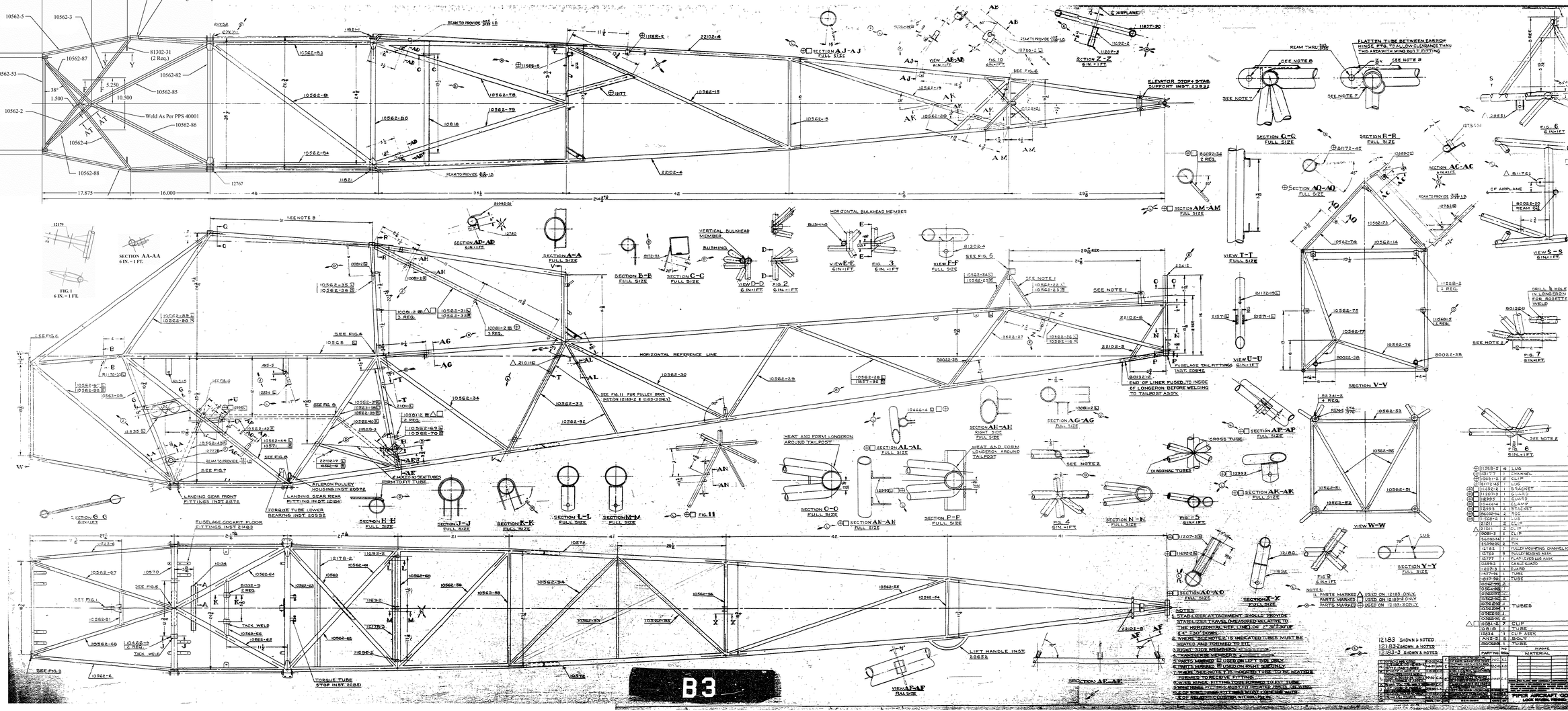
FRAME ASSEMBLY
FUSELAGE
12183
PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.
B3
NOTES:
1. STABILIZER ATTACHMENT SHOULD PROVIDE STABILIZER TRAVEL MEASURED RELATIVE TO THE HORIZONTAL REF. LINE OF 4°-3°±30'UP & 4°-7°30' DOWN.
2. WHERE "SEE NOTE 2" IS INDICATED TUBES MUST BE HEATED AND FORMED TO FIT.
3. RIGHT SIDE MEMBERS ⊕ USED ON RIGHT SIDE ONLY.
4. TRANSVERSE MEMBERS △ USED ONLY ON 12183-2 & 12183-3.
5. PARTS MARKED ⊡ USED ON LEFT SIDE ONLY.
6. PARTS MARKED ⊡ USED ON RIGHT SIDE ONLY.
7. WHERE "SEE NOTE 7" IS INDICATED TUBE TO BE HEATED FORMED TO RECEIVE FITTING.
8. ONLY ONE FITTING TYPE ALLOWED TO FIT TUBE.
9. THE HORIZ. FITTINGS MUST BE ALIGNED PARALLEL OR WITHIN 5° OF HORIZ. WHEN FUSELAGE IS LEVEL.
10. END OF FUSELAGE CLOSED WITH BULKHEAD.
11. PARTS MARKED △ USED ON 12183 ONLY.
PARTS MARKED △ USED ON 12183-2 ONLY.
PARTS MARKED △ USED ON 12183-3 ONLY.
12183 SHOWN & NOTED
12183-2 SHOWN & NOTED
12183-3 SHOWN & NOTED
FIG. 1 6 IN. = 1 FT.
SECTION AA-AA 6 IN. = 1 FT.
SECTION A-A FULL SIZE
SECTION B-B FULL SIZE
SECTION C-C FULL SIZE
SECTION D-D 6 IN. = 1 FT.
SECTION E-E 6 IN. = 1 FT.
SECTION F-F FULL SIZE
SECTION G-G 6 IN. = 1 FT.
SECTION H-H FULL SIZE
SECTION J-J FULL SIZE
SECTION K-K FULL SIZE
SECTION L-L FULL SIZE
SECTION M-M FULL SIZE
SECTION N-N FULL SIZE
SECTION P-P FULL SIZE
SECTION Q-Q FULL SIZE
SECTION R-R FULL SIZE
SECTION S-S 6 IN. = 1 FT.
SECTION T-T FULL SIZE
SECTION U-U 6 IN. = 1 FT.
SECTION V-V
SECTION W-W
SECTION X-X FULL SIZE
SECTION Y-Y FULL SIZE
SECTION Z-Z 6 IN. = 1 FT.
SECTION AA-AA FULL SIZE
SECTION AB-AB 6 IN. = 1 FT.
SECTION AC-AC 6 IN. = 1 FT.
SECTION AD-AD 6 IN. = 1 FT.
SECTION AE-AE 6 IN. = 1 FT.
SECTION AF-AF FULL SIZE
SECTION AG-AG FULL SIZE
SECTION AH-AH RIGHT SIDE FULL SIZE
SECTION AJ-AJ FULL SIZE
SECTION AK-AK FULL SIZE
SECTION AL-AL FULL SIZE
SECTION AM-AM FULL SIZE
SECTION AN-AN FULL SIZE
SECTION AP-AP FULL SIZE
SECTION AQ-AQ FULL SIZE
FIG. 2 6 IN. = 1 FT.
FIG. 3 6 IN. = 1 FT.
FIG. 4 6 IN. = 1 FT.
FIG. 5 6 IN. = 1 FT.
FIG. 6 6 IN. = 1 FT.
FIG. 7 6 IN. = 1 FT.
FIG. 8 6 IN. = 1 FT.
FIG. 9 6 IN. = 1 FT.
FIG. 10 6 IN. = 1 FT.
FIG. 11
HORIZONTAL REFERENCE LINE
ELEVATOR STOP & STAB. SUPPORT INST. 23232
LANDING GEAR FRONT FITTINGS INST. 21878
LANDING GEAR REAR FITTINGS INST. 12184
AILERON PULLEY HOUSING INST. 20972
TORQUE TUBE LOWER BEARING INST. 20958
FUSELAGE COCKPIT FLOOR FITTINGS INST. 21483
TORQUE TUBE STOP INST. 20851
LIFT HANDLE INST. 20852
TAIL POST ASSY.
TUBE ASSY.
THROTTLE BRKT. ASSY.
VERTICAL BULKHEAD MEMBER
HORIZONTAL BULKHEAD MEMBER
BUSHING
HEAT AND FORM LONGERON AROUND TAILPOST
DIAGONAL TUBES
CROSS TUBE
FLATTEN TUBE BETWEEN EARSON HINGE ETC. TO ALLOW CLEARANCE THRU THIS AREA WITH WING BUILT FITTING
END OF LINER FUSED TO INSIDE OF LONGERON BEFORE WELDING TO TAILPOST ASSY.
DRILL & HOLE IN LONGERON FOR ROSETTE WELD
FUSELAGE TAIL FITTINGS INST. 20842
TUBES
FUSELAGE TUBES
PART NO. REQ. NAME MATERIAL
PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.