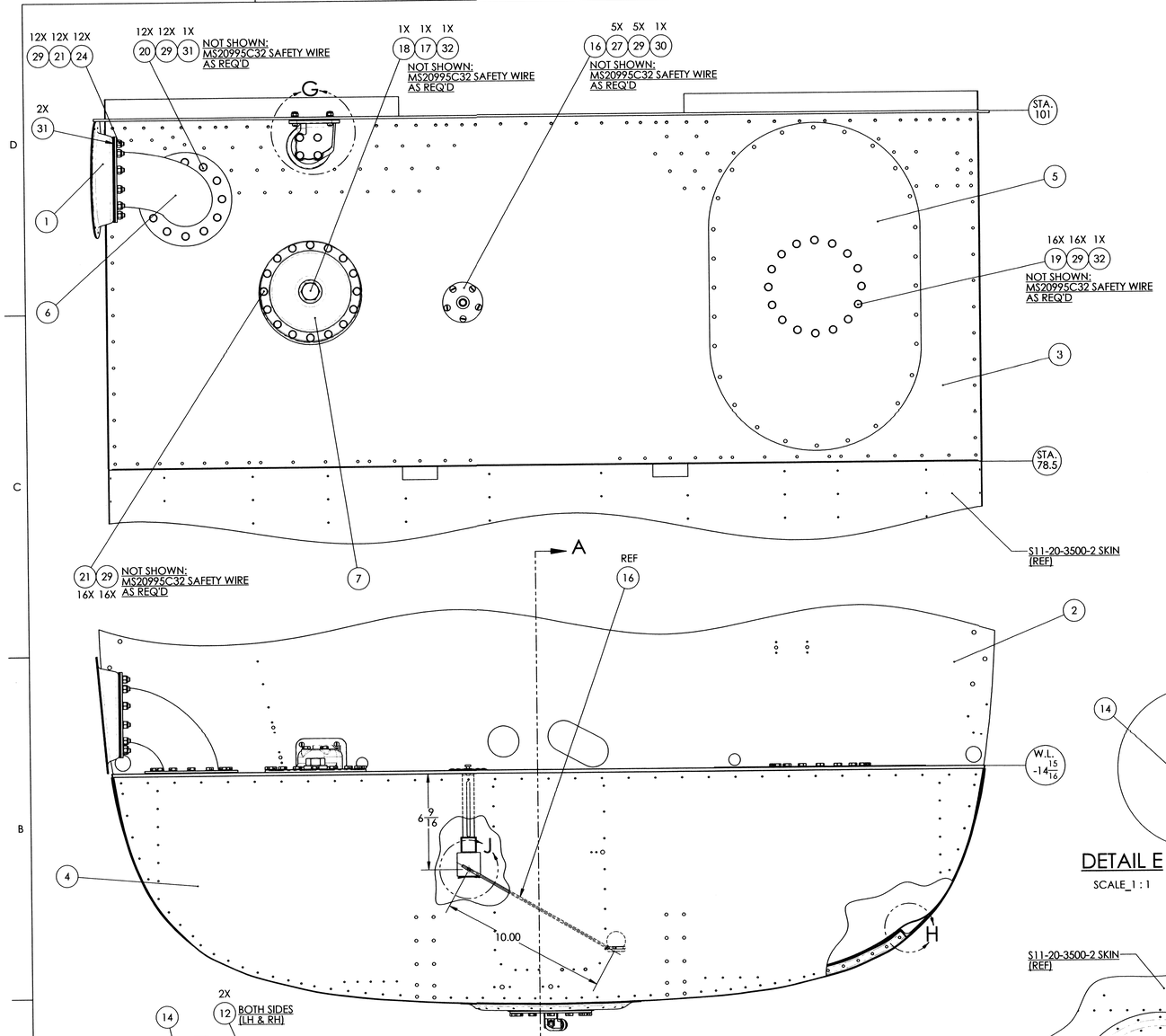
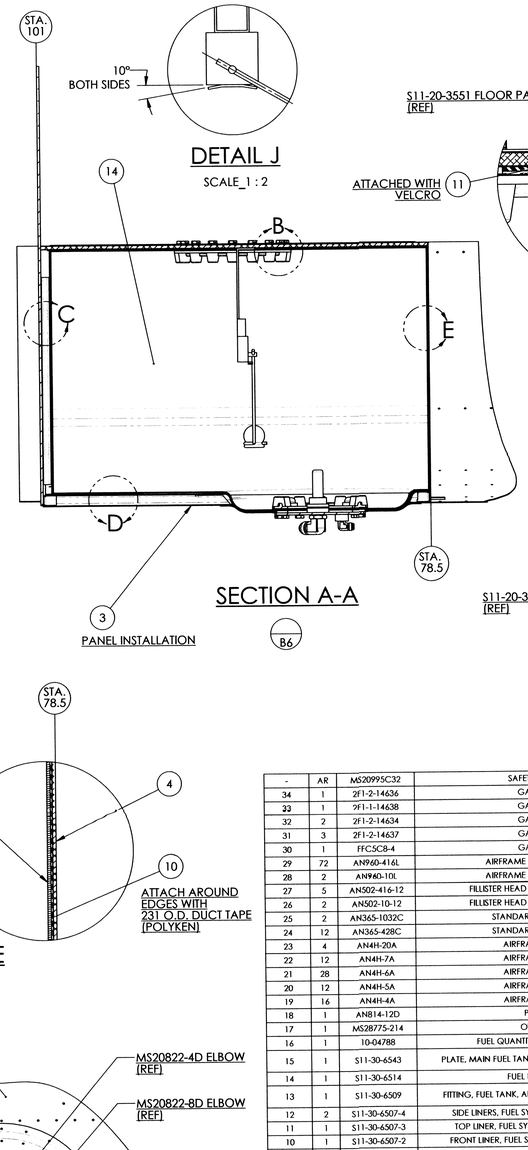
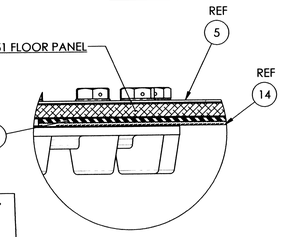
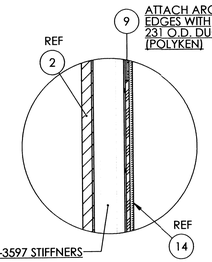
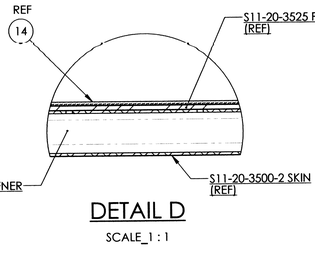
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	F	FUEL QUANTITY SENDING UNIT FLOAT DIM. ADDED	8/28/2020	BAC





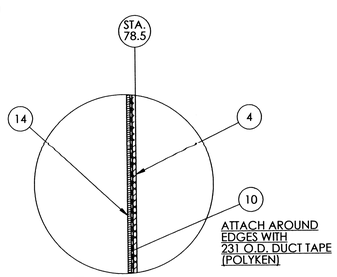


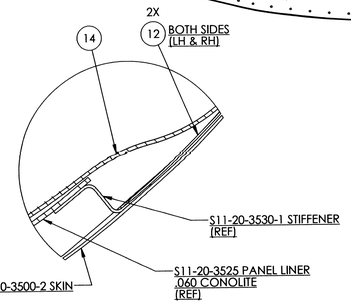


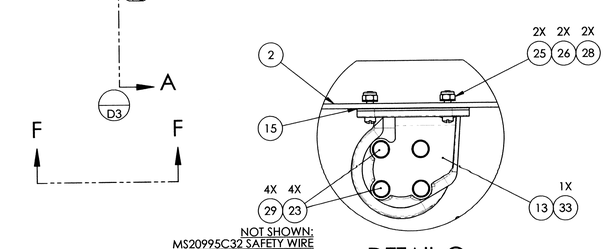


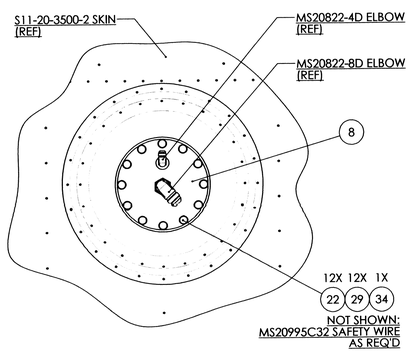
NOTES:

1. TAPE ALL LINERS (EXCEPT THE TOP LINER) INTO POSITION ALONG SEAMS WITH POLYKEN DUCT TAPE. THE TOP LINER IS HELD IN PLACE WITH 3M DUAL LOCK VELCRO.









-	AR	MS20995C32	SAFETY WIRE						
34	1	2F1-2-14636	GASKET	STANDARD (PURCHASED)					
33	1	2F1-1-14638	GASKET						
32	2	2F1-2-14634	GASKET						
31	3	2F1-2-14637	GASKET						
30	1	FFC5C8-4	GASKET						
29	72	AN960-416L	AIRFRAME FLAT WASHER						
28	2	AN960-10L	AIRFRAME FLAT WASHER						
27	5	AN502-416-12	FILLISTER HEAD MACHINE SCREW						
26	2	AN502-10-12	FILLISTER HEAD MACHINE SCREW						
25	2	AN365-1032C	STANDARD LOCKNUT						
24	12	AN365-428C	STANDARD LOCKNUT						
23	4	AN4H-20A	AIRFRAME BOLT						
22	12	AN4H-7A	AIRFRAME BOLT						
21	28	AN4H-6A	AIRFRAME BOLT						
20	12	AN4H-5A	AIRFRAME BOLT						
19	16	AN4H-4A	AIRFRAME BOLT						
18	1	AN814-12D	PLUG						
17	1	MS28775-214	O'RING						
16	1	10-04788	FUEL QUANTITY SENDING UNIT						
15	1	S11-30-6543	PLATE, MAIN FUEL TANK, VENT & RETURN FITTING	N/A	.012	STAINLESS STEEL	302/304	MIL-S-5059	COND. D
14	1	S11-30-6514	FUEL BLADDER	SUB-ASSEMBLY					
13	1	S11-30-6509	FITTING, FUEL TANK, AIR VENT & VAPOR RETURN	N/A	N/A	MAGNESIUM ALLOY	A292A-T6	AMS4434M	24.700
12	2	S11-30-6507-4	SIDE LINERS, FUEL SYSTEM, MAIN FUEL TANK	N/A	.030	CONOLITE	FE1000.030-60144		
11	1	S11-30-6507-3	TOP LINER, FUEL SYSTEM, MAIN FUEL TANK		.030				
10	1	S11-30-6507-2	FRONT LINER, FUEL SYSTEM, MAIN FUEL TANK		.030				
9	1	S11-30-6507-1	REAR LINER, FUEL SYSTEM, MAIN FUEL TANK		.030				
8	1	S11-30-6505	SUMP WELDMENT ASSEMBLY	SUB-ASSEMBLY					
7	1	S11-30-6504	COVER, FUEL SYSTEM, MAIN FUEL TANK	N/A	N/A	ALUMINUM ALLOY	2024-T3	QQ-A-250/4	63.100
6	1	S11-30-6503	FILLER NECK, WELD ASSY, FUEL SYS, MAIN FUEL TANK	N/A	N/A	ALUMINUM	6061-T6	QQ-A-250/11	N/A
5	1	S11-20-3556	COVER, FUSELAGE, STATION 89.81	N/A	N/A	COMPOSITE	N/A	N/A	N/A
4	1	S11-20-3504	BULKHEAD ASSEMBLY, FUSELAGE TUB, STATION 78.5	SUB-ASSEMBLIES					
3	1	S11-20-3503	PANEL INSTALLATION, STATION 78.6 - STATION 101.0						
2	1	S11-20-3502	FIREWALL ASSEMBLY, FUSELAGE CENTER SECTION, STATION 101.0						
1	1	S11-20-2269	PLATE, FUSELAGE, CABIN ASSEMBLY						
FIND NO.	QTY.	PART NUMBER	DESCRIPTION	DIAMETER	THICKNESS	MATERIAL	COML. SPEC.	GOVT. SPEC.	TS-LBS/SQ IN

PROPRIETARY AND CONFIDENTIAL

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

STANDARD TOLERANCES
FRACTIONS: ±1/32
X.XX: ±.01
X.XXX: ±.005
ANGLES: ±.5°

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	S. OLANREWAJU	5/24/2017
CHECKED	BAC	5-24-17
APPROVED	BAC	5-24-17

S11-30-6500 | S-52L
NEXT ASSY | USED ON
APPLICATION

Vertical Aviation Technologies, Incorporated
1609 Hangar Road
Sanford, Florida 32773
407-322-9488
www.vertical-aviation.com

TITLE: FUEL TANK INSTALLATION

SIZE D | DWG NO S11-30-6513 | REV F

SCALE: 1:4 | WEIGHT: OZ | SHEET 1 OF 1