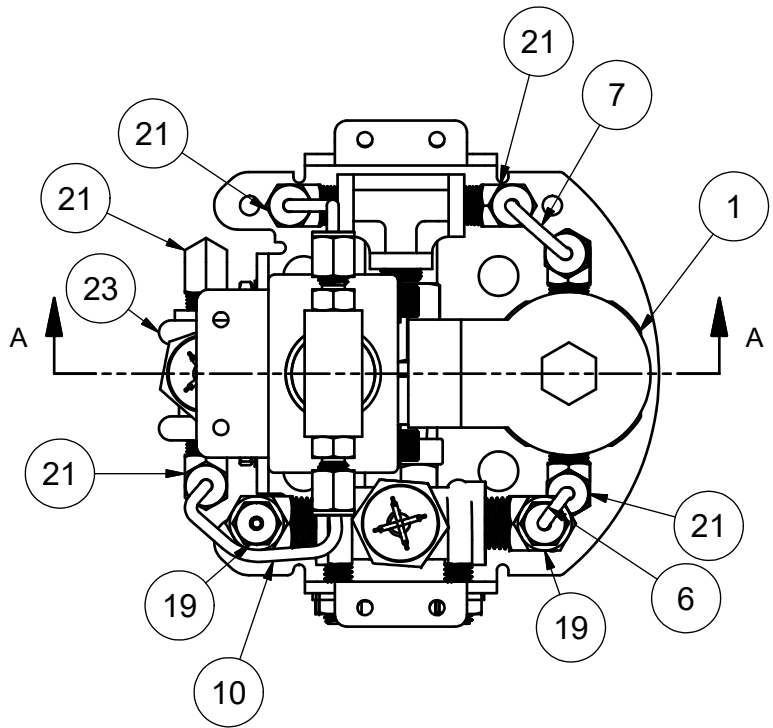


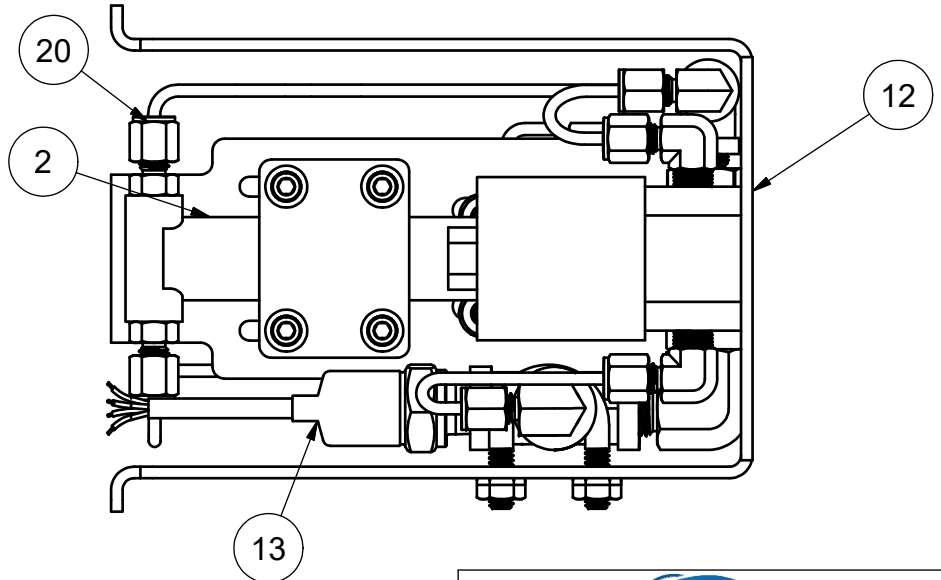
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	20CC02LV7B7A	PARKER G7, 2-WAY NORM. CL, 1/8" NPT, SOLENIOD, 12VDC
2	1	2232H	PUMP, FLIGHTWORKS M SERIES
4	2	BD-ASY-0355-0001	MOUNT, FLIGHTWORKS MOTOR, BE
5	2	BD-ASY-0355-0002	COMPRESSION SLEEVE, FLIGHTWORKS MOTOR, BE
6	1	BD-ASY-0358-0001	HYDRAULIC PIPE A, BUOYANCY ENGINE
7	1	BD-ASY-0358-0002	HYDRAULIC PIPE B, BUOYANCY ENGINE
10	1	BD-ASY-0358-0005	HYDRAULIC PIPE E, BUOYANCY ENGINE

NOTES:  
1) FLIGHTWORKS PUMP CONFIGURATION  
2) USE LOCTITE BLUE 242 THREAD LOCKER ON ALL METAL THREADED INTERFACES EXCEPT COMPRESSION (TUBE) SIDE OF YOR-LOC CONNECTORS

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
11	1	BD-ASY-0358-0006	HYDRAULIC PIPE F, BUOYANCY ENGINE
12	1	BD-PRT-0297-0000	CHASSIS, BUOYANCY ENGINE
13	1	M30J1-000105-500PG	PRESSURE TRANS, TE CONN, 500 PSI MAX, I2C
14	1	M30J1-100006-500PG	PRESSURE XDCR, TE CONN, I2C, 1/8NPT, 500 PSI, SS
15	1	MMC-48805K172	90, 1/4 NPT, MALE-FEMALE, 316SS
16	1	MMC-51205K173	FITTING, CROSS, 1/4 NPT F, 316SS
17	1	MMC-51205K187	ADPATER, 1/4 NPT FEMALE X 1/8 NPT MALE, 316SS
18	2	MMC-51205K242	TEE, 1/8 NPT, 316SS
19	2	MMC-5182K418	FITTING, YOR LOK, 90°, 1/4 NPT M X 1/8 COMP, SS
20	2	MMC-5182K804	FITTING, YOR LOK, 1/8 COM TO 1/8 NPT, 316SS
21	6	MMC-5182K817	FITTING, YOR LOK, 1/8 NPT M X 1/8 OD COMP, 90°, SS
22	2	MMC-8896T101	UBOLT, 1/4-20 X .75 DIA, SS
23	2	MMC-8896T910	U-BOLT, 9/16, 1/4-20 THD, 304SS
24	8	MMC-90107A011	WASHER, FLAT, #10
25	2	MMC-91099A472	FHMS, UNDERCUT, 10-32 X 7/16, 18-8
27	4	MMC-91841A195	NUT, 10-32, 1/8 THK, SS
28	4	MMC-92146A550	WASHER, SPLIT LOCK, #10, SS
29	4	MMC-92196A278	SHCS, 10-32 X 1.75, 18-8SS
30	8	MMC-92217A470	WASHER, NARROW, 1/4" X 0.5 OD, 18-8 SS
31	1	SOACV1-M-4N-A	CHECK VALVE, SUPERLOK, INLINE, 1/4MNPT, 3-50, 3000MAX




PART NO. **BD-ASY-0357-0000**  
FLIGHTWORKS PUMP CONFIGURATION



REVISION HISTORY			
REV	DATE	DESCRIPTION	APPROVED
A	9/7/2020	INITIAL RELEASE	J REINE
B	10/9/2020	CHANGED MOTOR FITTINGS FROM M6 TO NPT	JP
C	2/25/2021	CHANGED SOLENIOD MOUNTING SCREW THRU HOLE AND UNDERCUT	JP

UNLESS OTHERWISE NOTED:  
DIMENSIONS IN INCHES  
TOLERANCES:  
DECIMAL .xx ± 0.01  
.xxx ± 0.005  
ANGULAR ± 1 deg  
BREAK ALL SHARP EDGES R0.02 MIN  
SCALE  
NOT TO SCALE

DESIGN	DATE
J PAULUS	9/7/2020
DRAFT	
J PAULUS	9/7/2020
APPROVED BY	
MATERIAL	

			
TITLE			
BOUYANCY ENGINE CHASSIS ASSEMBLY			
SIZE	DWG NO	REV	
A	BD-ASY-0357-0000	C	
PHONE	781-583-1984	SHEET 1 OF 2	

