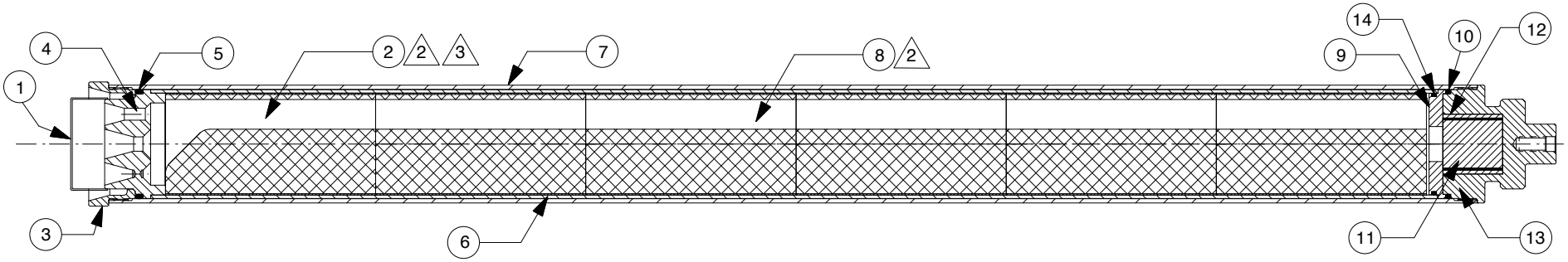
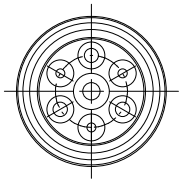
NOTES:

1. MOTOR ASSEMBLY SHOWN WITH SPECIFIED MOTOR HARDWARE & RELOAD KIT.
2. GRAINS BONDED TOGETHER WITH 15-MINUTE EPOXY RESIN PER RELOAD KIT INSTRUCTION SHEET.
3. AFT GRAIN CHAMFERED END ORIENTED TOWARD NOZZLE

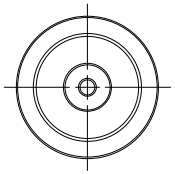
REVISIONS

EFFECTIVITY	REV	DESCRIPTION	DATE	APPROVED
FUTURE	A	FIRST RELEASE ISSUE	10 / 8 / 12	
FUTURE	B	CORRECTED NOZZLE PART NUMBER ERROR	11 / 21 / 12	





VIEW AFT CLOSURE



VIEW FORWARD CLOSURE

QTY	PART NUMBER	DESCRIPTION	ITEM
1	00142	FORWARD SEAL DISK O-RING	14
1	75FCP	FORWARD CLOSURE (PLUGGED)	13
1	03080	SMOKE CHG INSULATOR (1.5" O.D. X 1.5")	12
1	03287	SMOKE CHARGE(1.305" O.D. X 1.5")	11
1	00230	FORWARD O-RING (2.75" O.D. X 1/8") 230	10
1	75FSD	FORWARD SEAL DISK	9
5	03627	FWD PROP GRAINS (2.557" O.D. X 5.275" X .75")	8
1	7576C	CASE	7
1	03035-6	PHENOLIC LINER (2.727" O.D. X 32.313")	6
1	00230	AFT O-RING (2.75" O.D. X 1/8") 230	5
1	01750-6	MEDUSA NOZZLE (1C .359" + 3M .297" DT DRILLED)	4
1	75ACC	AFT CLOSURE	3
1	03627-1	AFT PROPELLANT GRAIN (2.557" O.D. X 5.275" X .75")	2
1	04214	NOZZLE CAP	1

LIST OF MATERIAL

SUPPLIER DATA	RELOAD KIT IDENTIFICATION	
AEROTECH/RCS RMC INC.	13685P	M685W-P
	PART NUMBER	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XX +/- .010	.XXX +/- .005	ANGLES +/- 2 deg.

MATERIAL

NOTED

FINISH

CONTRACT NUMBER

ROCKET MOTOR COMPONENTS INC.
2113 W. 850 N. Street
Cedar City, Utah 84721
(435) 865-7100 (Ph)
(435) 865-7120 (Fax)

PREP	G. ROSENFIELD	10 / 12
CHKR		
APVD		
APVD		

HP 75/7680 MOTOR WITH M685W-P RELOAD KIT

SIZE A | NUMBER **ASSY DWG**

SCALE 1 / 4 | SHEET 1 OF 1