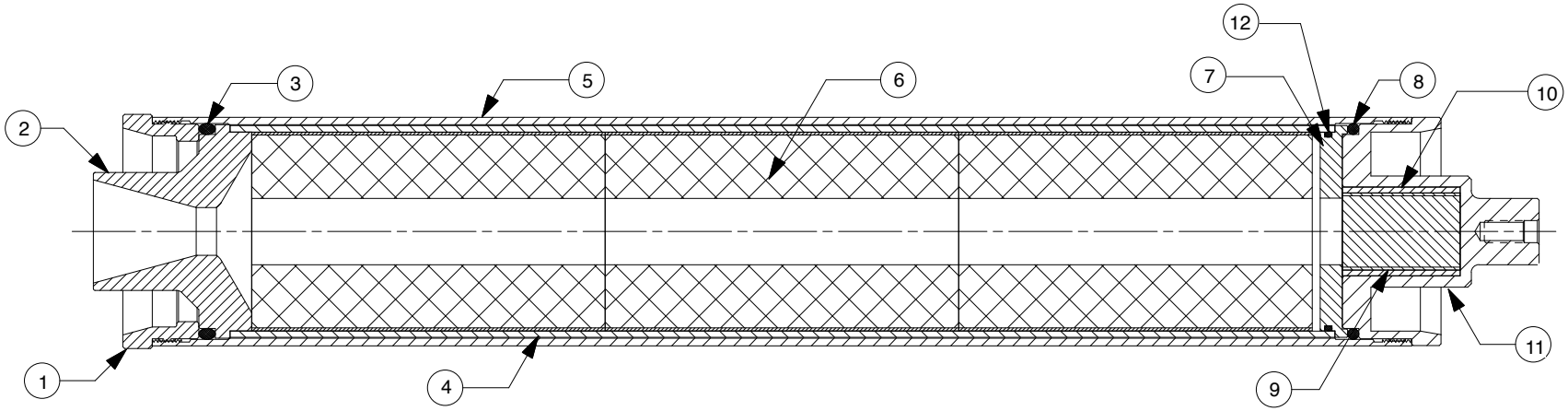
NOTES:

1. MOTOR ASSEMBLY SHOWN WITH SPECIFIED MOTOR HARDWARE & RELOAD KIT.

REVISIONS

EFFECTIVITY	REV	DESCRIPTION	DATE	APPROVED
FUTURE	A	FIRST RELEASE ISSUE	11 / 11 / 99	
FUTURE	B	CHANGED NOZZLE DESIGNATION TO 01800-3M	4 / 11 / 07	
FUTURE	C	REMOVED SMOKE CHARGE SEALING COMPONENTS	1 / 11 / 08	
FUTURE	D	ADDED FORWARD SEAL DISK AND SEAL DISK O-RING, REMOVED FWD INSULATOR	8 / 20 / 08	
FUTURE	E	REVISED WITH 98AC2 ENLARGED AFT CLOSURE AND 98FCP 'B' FORWARD ANCHOR CLOSURE	2 / 26 / 23	
FUTURE	F	INCREASED THROAT DIAMETER FROM .734" TO .813, CHANGED 8225W PROPELLANT TO 8425W	5 / 21 / 24	



QTY	PART NUMBER	DESCRIPTION	ITEM
1	00151	FWD SEAL DISK O-RING (3-3/8" O.D. X 3/32") 151	12
1	98FCP 'B'	FORWARD CLOSURE (PLUGGED ANCHOR)	11
1	03081	SMOKE CHG INSULATOR (1.5" O.D. X 2.0")	10
1	03288	SMOKE CHARGE(1.305"O.D. X 2.0")	9
1	00339	FORWARD O-RING (3.625" O.D. X 3/16") 339	8
1	98FSD	FORWARD SEAL DISK	7
3	03W84S98-1	PROP. GRAINS (3.37" O.D. X 6.00") 8425W	6
1	9876C	CASE	5
1	03040-3	PHENOLIC LINER (3.592" O.D. X 18.750")	4
1	00339	AFT O-RING (3.625" O.D. X 3/16") 339	3
1	01800M-1	NOZZLE, 98MM (.813" THROAT / 1.75" EXIT)	2
1	98AC2	AFT CLOSURE, ENLARGED	1

LIST OF MATERIAL

SUPPLIER DATA	RELOAD KIT IDENTIFICATION	
AEROTECH DIV. RCS RMC INC.	13141P	M1419W-P
	PART NUMBER	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

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

MATERIAL

NOTED

FINISH

CONTRACT NUMBER

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

PREP	B. ROSENFIELD	8 / 99
CHKR		
APVD		
APVD		

HP 98/7680 MOTOR WITH M1419W-P RELOAD KIT

SIZE A | NUMBER **ASSY DWG**

SCALE 1 / 3 | SHEET 1 OF 1