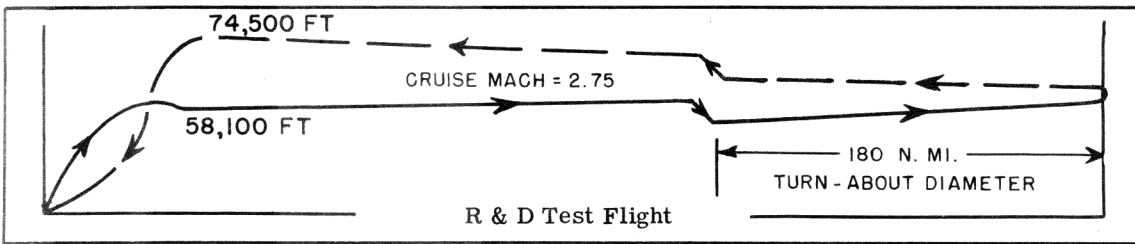




## Characteristics Summary Basic Mission . . . . XSM-64



<b>P E R F O R M A N C E</b>		
<b>E N D U R A N C E</b>	<b>R A D I U S</b>	<b>S P E E D</b>
NOT AVAILABLE	515 naut mi. with 1060 lb payload at 1580 knots avg. in 0.747 hours	CRUISE 1580 kn (2.75 Mach) at cruise power
<b>L A U N C H I N G</b>	<b>C L I M B</b>	<b>A L T I T U D E</b>
Launched vertically from ground, using booster providing 240,000 lb of thrust; booster separates at 47,900 ft.	NOT AVAILABLE	Begin Cruise 58,100 ft.  End Cruise 74,500 ft.
<b>L O A D</b>	<b>W E I G H T S</b>	<b>T A R G E T A C C U R A C Y</b>
Fuel Booster: Alcohol . . . . 4076 gal Oxidizer . . . . 3977 gal MISSILE: JP-5 . . . . . 5024 gal Instruments: 1060 lb	Empty (Missile) 23,490 lb Booster 7920 lb End Cruise 24,000 lb  Launch (Missile) 60,000 lb Booster 75,320 lb  Combination 135,320 lb	50% hits within 4000 ft radius of target.

<b>N O T E S</b>
<ol style="list-style-type: none"> <li>1. Performance Basis:                          (a) Contractor's estimates not substantiated by WADC.</li> <li>2. Revision Basis: To reflect latest characteristics data and change in missile nomenclature.</li> <li>3. Future plans provide for advanced non-recoverable experimental versions which will be capable of flights to a range of 2325 nautical miles.</li> </ol>