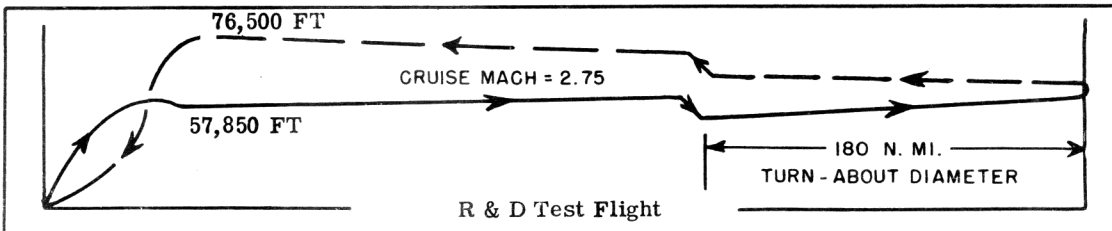


Characteristics Summary Basic Mission XSM-64



P E R F O R M A N C E		
ENDURANCE	RADIUS	S P E E D
NOT AVAILABLE	515 naut mi. with 1060 lb payload at 1580 knots avg. 2.75 Mach in .850 hours	CRUISE 1580 kn (2.75 Mach) at cruise power
LAUNCHING	CLIMB	ALTITUDE
Launched vertically from ground, using booster providing 235,000 lb of thrust; booster separates at 48,300 ft.	NOT AVAILABLE	Begin Cruise 57,850 ft. End Cruise 76,500 ft.
L O A D	W E I G H T S	TARGET ACCURACY
Fuel Booster: Alcohol 4076 gal Oxidizer 3977 gal MISSILE: JP-5 5242 gal Instruments: 1060 lb	Empty (Missile) 22,025 lb Booster 8023 lb End Cruise 24,000 lb Launch (Missile) 60,000 lb Booster 75,320 lb Combination 135,320 lb	50% hits within 2 n. mi radius of target.

- N O T E S**
1. Performance Basis:
(a) Contractor's estimates not substantiated by WADC.
 2. Revision Basis: To revise performance, dimensions, and configurations.
 3. Future plans provide for advanced non-recoverable experimental versions which will be capable of flights to a range of 2033 nautical miles.