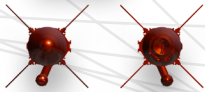


SANDERS

SMOKE TECHNOLOGIES, INC.



SMOKEWINDER®



AIRCRAFT

- AERO VODOCHODY L-159
- BAE HAWK 200
- EUROFIGHTER EF2000
- HAL TEJAS (LCA)
- KAIT-50
- LEONARDO M-346
- LOCKHEED F-16
- DOUGLAS A-4
- MD F-15
- MD F/A-18
- MIG-29
- NORTHROP F-5
- NORTHROP YF-17
- NORTHROP F-20
- SAAB GRIPEN
- SUKHOI SU-30 MKI
- TAIWAN IDF

MOUNTING

Wingtip HORIZONTAL LAUNCH RAILS
 Underwing VERTICAL LAUNCH RAILS

DIMENSIONS

Overall length 128.625" (3.2671 METERS)
 Tube Body Diameter 7.25" (184.15 MM)

WEIGHT

Gross 203 (+0 -5) LBS., 92.08 (+0 -2.27)KG
 Dry 155.6 (± 2) LBS., 70.58 (± 0.91)KG

ELECTRICAL

..... 28VDC, 5A
 115 VAC, 2.8A, 400HZ SINGLE PHASE

FLUID CAPACITIES

GASOLINE (100LL)

Total 1.0 GALLONS (3.79L)

SMOKE OIL (10-13 WEIGHT)

Total 6 GALLONS (22.71L)

OPERATING TIME

..... APPROX. 6 MINUTES

FLIGHT ENVELOPE

ALTITUDES

Starting Maximum Altitude 15,000 FT
 Operational Maximum Altitude 30,000 FT

SPEEDS

Minimum Starting Speed 100 KIAS (ALL ALTITUDES)
 Operational Minimum Speed 70 KIAS
 Operational Maximum Speed 0.80 MACH

G LIMITS

Structural Load Factor +/-9

COMPATIBLE WITH
 MILLIKEN COLORANTS

Milliken

