

(N.B. "SPECS ARE FOR A SINGLE AVERAGE ADULT MALE" INDIVIDUAL. SOME SUB-FAMILIES (D. s. m. "dabirica") H.D. VARY IN WINGSPAN, WING BREADTH, SOARING CHARACTERISTICS, ETC. AVERAGE VARIATION: ±17%.)

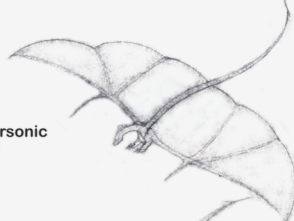


SILANE-BASED ELECTROCONDUCTIVE MEMBRANE

Atmospheric / exoatmospheric soaring extension



Subsonic extension



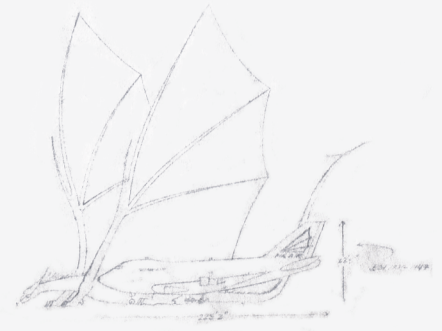
Supersonic / hypersonic extension



still



typical banking sequence



SPECIFICATIONS

- LENGTH (nose to tailtip) 248 ft / 106m
- LENGTH (wingtip to wingtip) 520ft / 158m
- MASS: 2825lb/ 1281kg
- AVG DENSITY: 6.3lb / 2.8kg.ft3
- SAIL AREA: 46302ft2 (4301m2)
- GLIDE RATIO: 1.2/1 (unassisted)
- MAX FLIGHT SPEED (atmosphere) 3040mph / 4900kph (Mach IV)
- MAX FLIGHT SPEED (vacuum): undetermined
- ENERGY SOURCE: Radiation 10^10 to 10^23 c/s
- GENERATED POTENTIAL: 2 MeV
- ACTIVE ELECTROCONDUCTIVE SURFACE: 30000ft2

Draco medioregnis var. ignispirans

SCALE: 1:260 (1:1)	APPROVED BY:	DRAWN BY: JED
DATE: 6/5/03X		REVISED: 1/1/04X
FOR PERTINENT/RELEVANT SPECS SEE WINGSPAN-BUILDUP MANUAL B-4-22314 B-6, 7 & 22		
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