

Turner T-100D Mariah

DESIGN SPECIFICATIONS

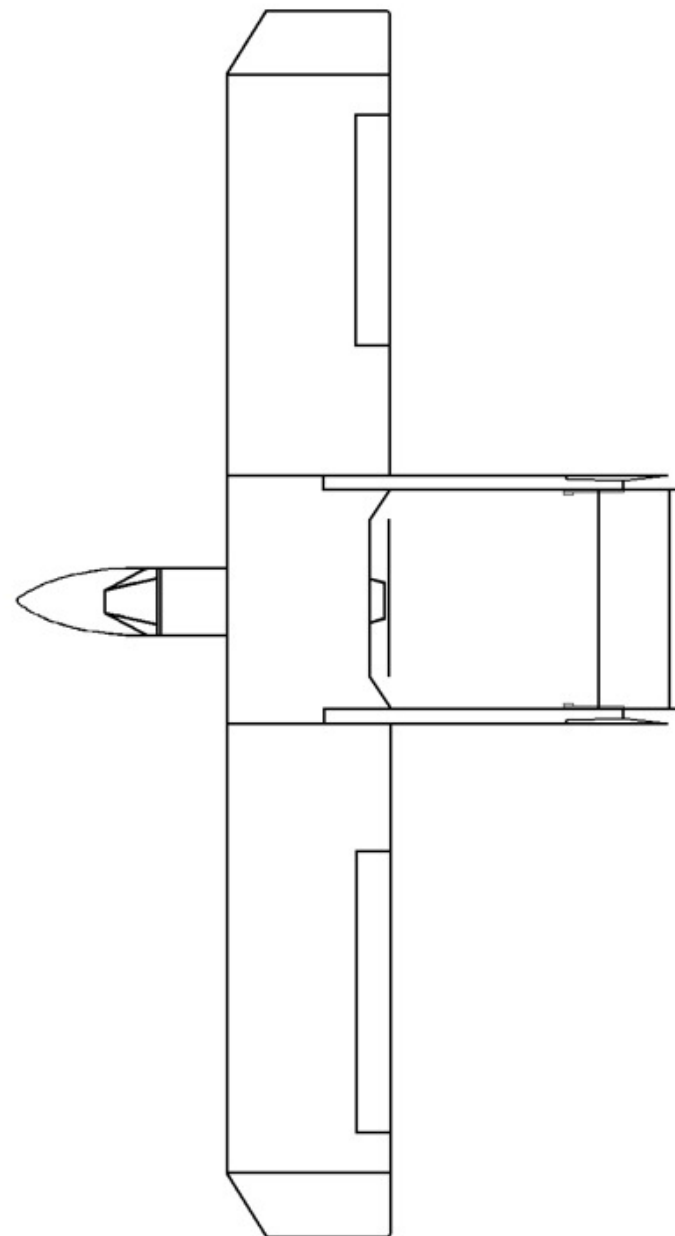
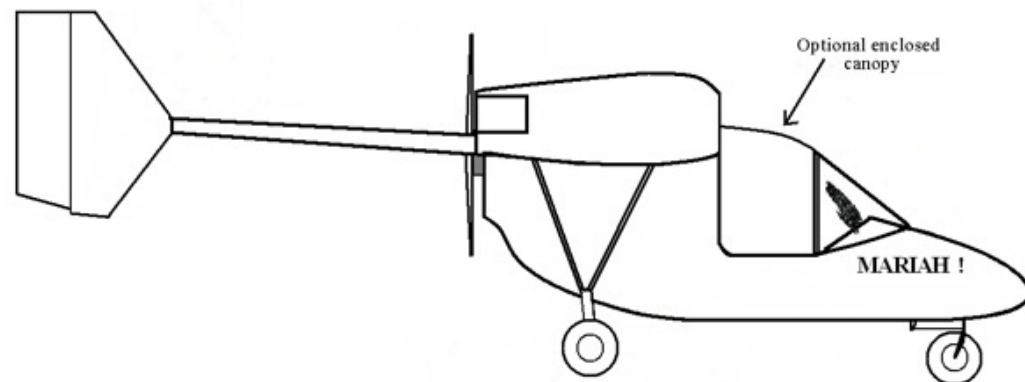
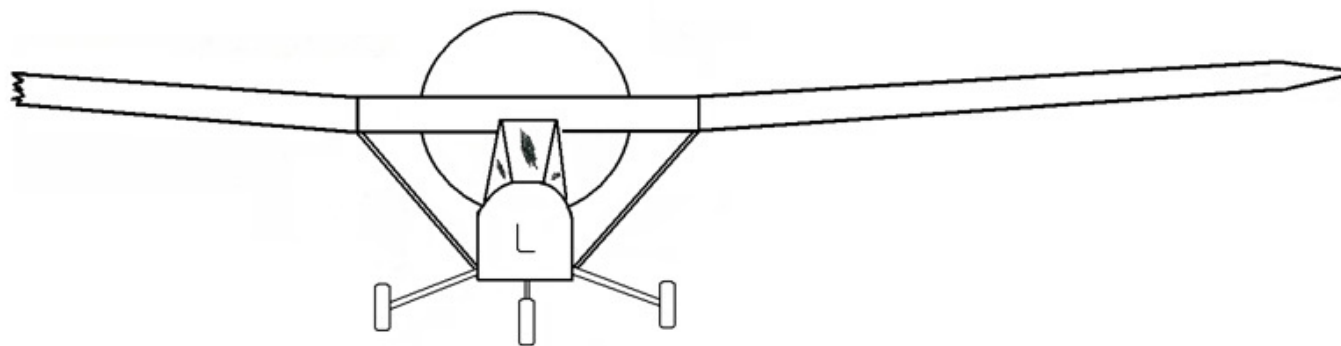
Wing span	34 ft. (408 in.)
Wing area	146.5 sq. ft.
Length	19.08 ft. (229 in.)
Height (top of tails)	6.08 ft. (73 in.)
Horizontal tail area	14.6 sq. ft.
Vertical tail area (each)	7.0 sq. ft.
Width (wings off)	6.33 ft (76 in.)
Aspect ratio	7.9
Wing chord	4.5 ft (54.0 in.)
Engine (prototype)	20 hp/Cuyuna 215R

PERFORMANCE

Max dive speed	80 mph
Max level flight speed	63 mph
Cruise	50 mph
Stall speed	27 mph

WEIGHTS

Max gross	504 lbs
Max pilot	220 lbs
Max empty	254 lbs
Empty (approx)	240 lbs (220 – 254 lbs)



**Adams Aeronautics
Company, Inc.**