

# BUCKEYE POWERED PARACHUTES

	TWO PLACE DREAM MACHINE		SINGLE PLACE EAGLE	
	503	582	447	503

## AIRFRAME

Empty Weight	250lbs.	300lbs.	220lbs.	230lbs.
Payload*	350	450	285	310
Wing Area	500 square feet		450 square feet	
Fabric	1.1oz Soar Coat		1.1oz Soar Coat	
Fuel Capacity	8 gallons		5 gallons	
Kit Assembly	20-30 hours		20-30 hours	

## POWER PLANT

Rotax Engine	503	582	447	503
	Twin cylinder, two cycle		Twin cylinder, two cycle	
Horsepower	52	66	40	46

## PERFORMANCE

Max. Speed	30mph		26mph	
Stall Speed	Virtually stall resistant		Virtually stall resistant	
Cruise Speed	30mph		26mph	
Glide Ratio	3.47/1		3.81/1	
Descent Rate/Max	11ft./sec.		10ft./sec.	
Fuel Consumption	3gal./hour		2 1/2gal./hour	
Rate of Climb**	300-600ft./min.		650ft./min. 700ft./min.	
Takeoff Roll	150-500ft.		150-300ft.	
Landing Roll	100ft.		100ft.	
Ceiling	10,500ft.		10,500ft.	

\* Payload is defined as combined total weight of pilot, passenger(if two-place model) and accessories.

\*\* Rate of climb will vary, depending on payload and atmospheric conditions. Specifications and options are subject to change without notice.

o Buckeye Dream Machine 582

Top Speed, mph ..... 30  
Cruise, mph ..... 30  
Range, s.m. .... 60  
Rate of Climb, fpm ..... 700  
Takeoff Distance, ft. .... 150  
Landing Distance, ft. .... 100  
Service Ceiling, ft. .... 10,500  
Engine Used ..... Rotax 582  
HP/HP Range ..... 66  
Fuel Capacity, gal. .... 6  
Empty Weight, lb. .... 300  
Gross Weight, lb. .... 700  
Height, ft. .... 8.0  
Length, ft. .... 9.43  
Wing Span, ft. .... 35.5  
Wing Area, sq.ft. .... 500.0  
No. of Seats ..... 2  
Landing Gear ..... trigear  
Bldg. Materials ..... C  
Bldg. Time, man hours ..... 30  
No. Completed/Flown ..... ?  
Info Package/Video cost ..... \$5  
Plans Cost ..... none  
Kit Cost ..... \$11,795  
Notes ..... Includes engine, propeller, airframe, and  
Ram-air parachute wing. Optional  
instruments and colors available.