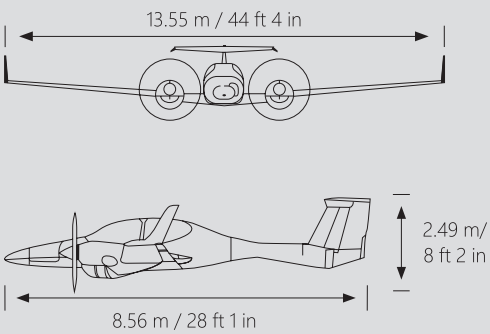


DA42-VI DA42-VI THE DEFINITION OF PERFECTION

POWER PLANT			
Engine	2 × Austro Engine AE 300 turbocharged common-rail injected 2.0 liter diesel engine with 168 HP and EECU single lever control system		
Propeller	3-blade constant speed propeller		
Fuel grades	No. 3 Jet Fuel, Jet A-1, Jet A, RT, JP-8		
PERFORMANCE/FUEL CONSUMPTION			
Max. cruising speed (16,000 ft)	352 km/h	190 KTAS	
Cruise speed at 75% (16,000 ft)	324 km/h	175 KTAS	
Stall speed (flap up) 1,760 kg TOW	119 km/h	64 KCAS	
Stall speed (landing configuration) 1,760 kg TOW	109 km/h	59 KCAS	
Rate of climb (ISA SL) 1,760 kg TOW	6.73 m/s	1,325 fpm	
Rate of climb 1,760 kg TOW	5.59 m/s	1,100 fpm	
Range at 60%	2,245 km	1,215 nm	
Consumption at 60% in total	38.9 L/h	10.3 US gal/h	
Take-off ground roll/take-off distance Max. TOW	424 m/ 776 m	1,391 ft/ 2,546 ft	
Take-off ground roll/take-off distance 1,760 kg TOW	365 m/ 644 m	1,198 ft/ 2,114 ft	
Landing ground roll / landing distance Max. TOW	387 m/ 647 m	1,270 ft/ 2,123 ft	
Landing ground roll / landing distance 1,760 kg TOW	346 m/ 589 m	1,135 ft/ 1,932 ft	
Max. operating altitude	5,486 m	18,000 ft	
Max. demonstrated crosswind	46 km/h	25 kts	
DIMENSIONS / MASS / LOADING			
	Length	8.56 m	28 ft 1 in
	Height	2.49 m	8 ft 2 in
	Wingspan	13.55 m	44 ft 4 in
	Seats	4	4
	Empty weight	1,410 kg	3,109 lbs
	Max. take off mass	2,001 kg	4,411 lbs
	Useful load	591 kg	1,301 lbs
FUEL CAPACITY			
Long range fuel tank	289L	76.4 US gal	

*Specifications apply to standard equipped aircraft (equipped with DME, TAS, WX500, AUX, TKS and standard interior)
*The above data are for reference and the manufacturer reserves the right to final interpretation. Any changes will be notified separately.



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