

Name _____ Date _____



Chesapeake Sport Pilot

CHECKOUT FOR Vans RV-12

What type of engine does the Vans RV-12 have? _____
What is the engine horsepower? _____
What is the preferred fuel for the RV-12?
How many gallons of useful fuel does the Vans RV-12 hold? _____
What type of oil should be used in this engine? _____

Please define in your own words and list the speed for each of the following in the RV-12:

V_r _____
V_x _____
V_y _____
Best Glide _____
V_{ne} _____
V_{no} _____
V_a _____
V_{fe} _____
V_{s1} _____
V_{so} _____

Please list the RPM setting, fuel burn, and true airspeed for each power setting at a pressure altitude of 2000 feet:

	RPM	Fuel Burn	KTAS
75% power	_____	_____	_____
65% power	_____	_____	_____
55% power	_____	_____	_____

With 16 gallons of fuel and a 30 minute reserve, how long can the RV-12 fly at 75% power? _____

Describe the usable fuel for the RV 12.

What is the maximum crosswind component for the RV-12?
----- Is that an actual limitation on this plane? -----

What is the service ceiling of the RV-12? -----

What is the distance to clear a 50 foot obstacle on a standard day when
taking off from a paved runway with a pressure altitude near sea level?

What is the landing distance over when landing over a 50 foot obstacle on
a standard day when landing on a paved runway with a pressure altitude
near sea level? -----

What is the glide ratio of the RV-12 at best glide speed? -----

Please describe the loss of engine procedures for the RV-12.

What is the maximum gross weight of the RV-12? -----

What is the empty weight RV-12? -----

What is the useful load of the RV-12? -----

What is the maximum baggage area weight for the RV-12? -----

With full fuel, how much weight can you carry in the RV-12? -----