

Renter's Exam by: _____ Date: _____

Flight by: _____ Date: _____



8KCAB Super Decathlon N878AC

Renter's Exam

Pilot Name: _____

General

In which categories are this aircraft certified? _____

Is the Super Decathlon certified for Day VFR? Night VFR? IFR?

Is a tailwheel endorsement required to fly the Super Decathlon solo? Yes No

Do spins and aerobatics require logbook endorsement? Yes No

Do solo spins and aerobatics require a separate NoVA Pilots checkout flight? Yes No

Engine pre-heat is required below _____ °F.

Engine

Engine type? _____, Horsepower? _____

Note! We are looking for the type of oil used in this particular airplane and not the type of oil recommended in the POH. This information can be found in the NoVA Pilots dispatch binder.

Recommended grade and type of oil. Summer? _____, Winter? _____

Oil capacity? _____ qt., Minimum safe for normal/aerobatic flight? _____ qt.

Propeller type? _____

Normal range for CHT? _____ - _____, fuel pressure? _____ - _____

Normal range for oil pressure? _____ - _____, oil temperature? _____ - _____

Fuel System

How many fuel tanks are there (not including header tank)? _____

What is the total fuel capacity? _____ gal., correct fuel grade? _____ and color? _____

How many fuel drains? _____ and location? _____

Fuel caps must be tightened securely. Are they venting or non-venting caps? _____

A 1.5 gallon header tank is good for _____ minutes of inverted flight.

Where are the float type fuel gauges located? _____

Weight and Balance

Note! Weight and balance specific for N878AC can be found in the NoVA Pilots dispatch binder.

Max gross weight in normal category is? _____ lbs. Aerobatic category? _____ lbs.

The basic empty weight of **N878AC** is? _____ lbs.

Useful loads: Normal category? _____ lbs. Aerobatic category? _____ lbs.

Performance and Airspeeds

Note! Unless otherwise specified, the airspeeds discussed for N878AC is in miles per hour (MPH).

V_r = _____, V_x = _____, V_y = _____, Cruise Climb 25"/2500 RPM _____,

V_a normal category _____, V_a aero category _____, 3-point landing approach _____,

Wheel landing approach speed _____, Short field landing _____, V_s = _____,

V_{ne} = _____, Demonstrated Cross wind _____ mph or _____ kts.

G-Limits normal category from + _____ G to - _____ G, Aero Category + _____ G to - _____ G

NoVA Pilots imposed G-Limits from + _____ G to - _____ G

Take off distance? P/A 1000', 20°C? _____ 50' obstacle? _____

Cruise 75% power, 2400 RPM, 24": TAS? _____ GPH? _____

Landing - P/A 1000', 20°C. Ground roll? _____, with 50° obstacle? _____

Aircraft Systems

What kind of flaps does the Super Decathlon have? _____

What is the purpose of the aileron spades? _____

The Decathlon has a _____ V battery and a _____ Amp alternator.

When do you use the emergency electrical fuel pump? _____

Tire pressure main wheels? _____ PSI, tailwheel? _____ PSI

Lean above _____ feet and _____ % power.

Tailwheel Operations

Describe the normal takeoff procedure _____

Normal three point landings are recommended for _____ winds.

Wheel landings are better for _____ landings.

A tailwheel endorsement requires proficiency in the operations of a tailwheel airplane for _____

and _____ takeoffs and landings, _____ landings, and go-around procedures (FAR 61.31).

For precautionary landing maintain glide speed of _____ mph.

Pilot Signature: **X** _____ Date: _____

By signing off, the instructor verifies that the renter pilot has completed the ground checkout for this aircraft. This, combined with a completed flight checkout, recorded on page 1, constitutes completion of the checkout requirements for rental of this aircraft.
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Instructor Signature: _____ Date: _____