



Pilots Check List

REPUBLIC AVIATION CORPORATION FARMINGDALE, N. Y.

BEFORE STARTING ENGINE

Operate flight controls through complete range.
Check propeller reversing lever locked.
Ignition switch OFF, Battery switch ON.
Check instruments and lights.
Set trim tab.

STARTING ENGINE

If engine has not been run recently, pull propeller through about six revolutions.
Open throttle slightly beyond Idle.
Mixture: FULL RICH, Carburetor heat: COLD, Propeller: HIGH RPM.
In cold weather: if necessary, actuate accelerating pump 3 or 4 times.
Check "all clear."
Battery switch ON, Ignition switch BOTH.
Engage starter.

NOTE: Do not operate starter for longer than 30 seconds at one time. Allow 1 minute cool-off before re-engaging.

WARM-UP

Check for oil pressure.
Use 900 RPM for several minutes, then 1200 RPM.
Check instruments for operating ranges.
Check propeller pitch-change operation.

TAXI

Release parking brake.
Tail wheel locked or swivel.
Water rudder is operated by pedals.

NOTE: Be sure doors are closed if propeller is to be reversed.

ENGINE RUN-UP

Propeller: Full low pitch.
Check each magneto at 2000 RPM.
Maximum permissible drop on either mag 150 RPM.

TAKE-OFF (LAND)

Fasten all safety belts and check doors latched.
Weave forward slowly and lock tail wheel on center.
Advance throttle to FULL RPM.
When airborne, retract gear.

TAKE-OFF (WATER)

Fasten all safety belts and check doors latched.
Check landing gear up and locked.
Flaps: Down.
Advance throttle to full RPM.

CAUTION: Do not dump flaps at less than 250 feet for airspeeds below 80

CLIMB

Best climb at sea level is 75 IAS at 2500 RPM with flaps and gear up.

CRUISE

Adjust trim tab for negative control forces.
Propeller—Low RPM.
Lean mixture within temperature limits.
The following settings provide 75% power:
25.8" Hg 25" Hg 24 1/2" Hg
and 2200 RPM and 2250 RPM and 2300 RPM.

PRIOR TO DESCENT

Mixture FULL RICH, Propeller HIGH RPM.
If necessary: Carburetor HOT
Maintain 70 to 80 IAS approach speed.
Safety belts fastened.

LANDING (LAND)

Gear DOWN: check warning light GREEN.
Flaps DOWN.

LANDING (WATER)

Gear UP: check warning light RED.
Flaps DOWN.
On glassy water, approach at 65 IAS with power on and allow airplane to settle.

AFTER LANDING

Flaps: UP position.
Unlock tail wheel swivel.

STOPPING ENGINE

Operate engine at 800 RPM for a short time.
Stop engine by pulling mixture control full out to idle cut off.
When engine stops shut off ignition and battery

EMERGENCY OPERATION

Landing gear failure: Landing gear handle UP position.
Make flat, power-on approach and land on keel.
Flap failure: Flight tests demonstrate the Seabee fully maneuverable with one flap fully extended.