

Icing

1. Pilot Heat On
2. Turn back or change altitude to obtain an outside air temp that is less conducive to icing.
3. Pull cabin heat control to full out and open defroster outlet to obtain maximum windshield defroster airflow.
4. Open the throttle to increase engine speed and minimize ice build-up on propeller blades
5. Watch for signs of carburetor air filter ice and apply carburetor heat as required. An unexplained loss in engine speed could be caused by carburetor ice or air intake filter ice. Lean the mixture if carb heat is used continuously.
6. Plan a landing at the nearest airport. With an extremely rapid ice build-up, select a suitable "off airport" landing site.
7. With ice accumulation of $\frac{1}{4}$ inch or more on the wing leading edges, be prepared for significantly higher stall speed.
8. Leave wing flaps retracted. With a severe ice build-up on the horizontal tail, the change in wing wake airflow direction caused by wing flap extension could result in a loss of elevator effectiveness.
9. Open left window and if practical scrape ice from a portion of the windshield for visibility in landing approach.
10. Perform landing approach using a forward slip, if necessary, for improved visibility.
11. Approach at 80 to 90 KIAS depending upon the amount of accumulation.
12. Perform a landing in level attitude.

Ditching

1. Racio Transmit Mayday on 121.5 giving location and intentions and squawk 7700.
2. Heavy Objects Secure or Jettison.
3. Seats, Seat Belts, Shoulder Harnesses Secure
4. Approach High winds, heavy seas Into the Wind.
5. Flaps Light winds, heavy swells Parallel to swells.
6. Power 20° to 30° Est. a 300 FPM descent at 55 KIAS.

Note

- If no power is available, approach at 70 KIAS with flaps up or at 65 KIAS with 10° flaps.
7. Cabin Doors Unlatch
 8. Touchdown Level attitude at established descent rate.
 9. Face Cushion at touchdown with folded coat or seat cushion.
 10. Airplane Evacuate through Cabin doors. If necessary, open window and flood cabin to equalize pressure so doors can be opened.

11. Life vests and raft Inflate

Airspeeds for Emergency Operations

Engine Failure After Takeoff:
Wing Flaps Up -- 70 KIAS
Wing Flaps Down -- 65 KIAS

Maneuvering Speed:
2550 Lbs -- 105 KIAS
2150 Lbs -- 95 KIAS
1750 Lbs -- 85 KIAS

Maximum Glide:
2550 Lbs -- 68 KIAS
2150 Lbs -- 62 KIAS
1750 Lbs -- 56 KIAS

Precautionary Landing With Engine Power:
Wing Flaps Up -- 65 KIAS
Wing Flaps Down -- 65 KIAS

Landing Without Engine Power:
Wing Flaps Up -- 70 KIAS
Wing Flaps Down -- 65 KIAS

For all other Emergency Abnormal Procedures.

See the POH

Section 3.

This checklist is a guide to coordinate Pilot Operating Handbook and STC data applicable to this particular aircraft only. The applicable Pilot Operating Handbook and STC installations remain the official documentation for this aircraft. The pilot in command is responsible for complying with all items in the Pilot Operating Handbook and applicable STCs. I certify this checklist has been reviewed for accuracy.

John. A. S. L. / 12/20/05
Wing Director of Maintenance / Date

N9345L 060109