

Engine Failure Procedure

PROCEDURE BELOW ARE SPECIFIC TO C-IMJK SPORTSTAR

Engine Failure – In the Circuit

Reduce power to idle in the circuit to idle to simulate engine failure (on downwind or later)

1. Trim for best glide airspeed of about 60 KTS
2. Turn to the best runway available almost simultaneously
3. Aim for landing at about 1/3 of the runway
4. Once confirm the runway will be reached, adding full flaps and proceed to land normally

Engine Failure – Away From The Airport

Reduce power to idle to simulate engine failure

1. Trim for best glide airspeed of about 60 KTS
2. Simultaneously, look for landing area/field within wingspan of the aircraft within 10 seconds
 - a. Pick 'key point' on final to be 500-700 ft AGL over key point on final
 - b. Pick aiming point 1/3 down the landing field
3. Make Mayday Call
4. Warm the engine
5. Perform failure cause check (Fuel on and qty good, Master on, attempt restart)
6. Provide a passenger briefing
7. On short final – turn off fuel, and all electric items
8. Once confirm the field is will be reached add full flaps (for simulated failures, instructor will advise when to overshoot)