



Sports Flying Academy -0800-001-931

FORCED LANDING WITHOUT POWER CHECKLIST. ZK-TST.

INITIAL ACTIONS

1. TRIM FOR BEST GLIDE – 65KTS KIAS
2. FUEL – ON
3. FUEL PUMP – ON

FIELD SELECTION

1. DETERMINE WIND SPEED AND DIRECTION AND LOOK FOR A PLACE TO LAND.
2. LOOK AT THE SURROUNDINGS, SIZE AND SHAPE OF FIELD, SURFACE AND SLOPE, CIVILISATION. OBSTACLES ON APPROACH AND GO AROUND.
3. SELECT HIGH KEY 1500 FEET AGL ON UPWIND THRESHOLD.
4. SELECT LOW KEY 1000 FEET AGL ABEAM DOWNWIND THRESHOLD
5. START TO FLY THE APPROACH.

FAULT FINDING CHECKS

1. FUEL- CHECK CONTENTS, FUEL ON, ELECTRIC FUEL PUMP ON.
2. OIL – TEMP AND PRESSURE IN THE GREEN.
3. MAGNETOS – LEFT, RIGHT, CHECK BOTH ON.
4. THROTTLE – SET FOR RESTART.
5. ATTEMPT RESTART.
6. DON'T FORGET TO WARM THE ENGINE EVERY 1000 FEET TO AVOID CARB ICING.

MAYDAY CALL

1. SQUAWK 7700.
2. MAKE MAYDAY CALL. EG:
"MAYDAY, MAYDAY, MAYDAY
TST, TST, TST. 9NM SE OF WHANGAREI, DESEEDING THROUGH XXXX FEET, ENGINE FALIURE. ATTEMPTING LANDING IN A PADDOCK."

BRIEF PASSENGERS

"AS YOU CAN SEE WE HAVE EXPERIENCED AN ENGINE FALIURE AND I NEED TO LAND THIS AIRCRAFT ASAP. PLEASE ENSURE YOUR SEAT BELT IS SECURE AND REMAINS SO UNTIL WE COME TO A HALT ON THE GROUND. WHEN WE DO LAND PLEASE EVACUATE THE AIRCRAFT THROUGH YOUR DOOR AND MOVE AWAY TO A SAFE DISTANCE. IF YOU HAVE ANY SPECTACLES ON OR SHARP OBJECTS IN YOUR POCKETS PLEASE REMOVE THOSE NOW. PLEASE TRY AND REMAIN CALM AND REMEMBER I AM TRAINED FOR THIS AND I WILL HAVE YOU ON THE GROUND SHORTLY."

FINAL ACTIONS

1. FUEL – OFF
2. THROTTLE TO IDLE
3. IGNITION SWITCHES – OFF
4. HARNESS – TIGHT AND SECURE.
5. USE FLAP AS REQUIRED.
6. MASTER – OFF (ONCE FINISHED WITH FLAPS)
7. LAND AIRCRAFT. (IN SIMULATION GO AROUND.)