

CHECKLIST

PH-LFC

FA-200-160

Fuji

What to do in case of a serious incident / accident

- Leave the aircraft (make sure master switch, fuel and magneto's is off)
- Help injured people, if able and possible
- Call as soon as possible Wings over Holland. If nobody can be reached call Martinair Flight Academy
- Never leave the aircraft unguarded behind / coordinate when possible with emergency services.
- Do not communicate via VHF, unless mobile phone (network) is unavailable
- Do not speak with the press , but refer to the crisis team
- Do not give any information regarding the circumstances to anyone, but refer to the crisis team
- Do not communicate via social media.

Wings over Holland
+31(0)320-288260

Outside Office hours:
+ 31-(0) 6-51556098 (Luuk van Hooijdonk)

- When unable to reach Wings over Holland ILT should be notified as soon as possible by the Pilot in Command that a precautionary/emergency landing has occurred.

ILenT
+31(0)88-4890000

- NEVER take-off with the airplane again without explicit permission from Wings over Holland.

Pe-flight inspection

See aircraft flight manual (AFM)

Before Starting (Not in front of open Hangar!)

- Walk around - Completed
- Start-up clearance - Received / Not applicable
- All radio's - Off
- Seats - Adjusted and secured
- Seat belts - Fastened
- Canopy - As desired
- Controls - Checked
- Flaps - Checked and up
- Trim - Checked and neutral

Start Up

- Master switch - On
- Fuel (booster) pump - On
- Fuel pressure - Checked
- Beacon light - On
- Throttle - 1 cm
- Mixture - Full rich
- Carburetor heat - Pushed for cold
- Cabin heat - Pushed for cold
- Fuel Selector - Least full tank
- Outside - Clear
- Brakes - Feet on the brakes

Cold Start	Warm Start
Primer - 4 Strokes	Primer – 0/1 Stroke

- Magnetos - Start then both
- Throttle - 1000 rpm
- Oil pressure (in 30-60 sec) - Checked
- Fuel pump - Off
- Engine instruments - Checked
- All flight instruments - Checked
- Radio - On
- Transponder - Standby
- Time (block) - Noted
- Tachometer - Noted
- Brakes - Off

During Taxi

- Brakes - Checked
- Gyros & compass - Checked

Run Up

- Brakes - Feet on the brakes
- Throttle - 1000 rpm
- Engine instruments - Checked
- Fuel selector - Switch to other tank
- Outside - Clear
- Throttle - 2000 rpm
- Magnetos - Checked
- Carburetor heat - Checked
- Pressures - Checked
- Temperature - Checked
- Ampere meter - Checked
- Suction - Checked
- Throttle - Idle
- Rpm - Checked (≤ 700 rpm)
- Throttle - 1000 rpm
- Friction - Set

Before Take-off

- Canopy - Closed and locked
- Seats - Adjusted and secured
- Seat belts - Fastened
- Controls - Free and easy
- Magnetos - Both
- Fuel (booster) pump - On
- Navigation lights - On
- Mixture - Full rich
- Primer - Locked
- Carburetor - Check for ice then off
- Fuel selector - On
- Flaps - Set
- Trim - Set
- All instruments - Checked
- Transponder - ALT
- Brakes - Off



Checklist PH-LFC

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Runway items

Runway heading - Checked
Wind direction - Checked
Landing light - On

After 200ft AGL

Flaps - Up
IAS - 80 kts

After 500ft AGL

Landing light - Off
Throttle - Checked (full power)
Engine instruments - Checked

Cruise checks

Throttle - 2400 rpm
Fuel (booster) pump - Off

Downwind checks

Magnetos - Both
Fuel (booster) pump - On
Landing light - On
Mixture - Full rich
Primer - Locked
Carburetor - On
Engine instruments - Checked
Fuel selector - Fullest tank
Fuel quantities - Checked

Seat Belts - Fastened
Brakes - Checked

Throttle - 2100 Rpm
Flaps - Set (15°)
Speed - 80 kts

Base Leg Checks

Throttle - Reduce
Flaps - Set (25°)
Speed - 75 kts

Final Checks

Throttle - Reduce
Flaps - Set (full)
Speed - 70 kts

After Landing Checks (after Runway vacated)

- Fuel (booster) pump - Off
- Carburetor heat - Off
- Navigation lights - Off
- Landing light - Off
- Flaps - Up
- Transponder -Standby

After Parking Checks

- Brakes - Feet on the brakes
- Electrical switches - Off (except beacon light)
- Radio - Off
- Transponder - Off
- Throttle - 1000 Rpm
- Mixture - Idle, cut-off
- Magnetos - Off, key removed
- Beacon light - Off
- Battery switch - Off
- Fuel selector - Off
- Flaps - Set 35°
- Control Lock - Inserted
- Time (block) - Noted
- Tachometer - Noted

Limitations

Max. structural cruising speed V_{NO} 129 kts
 Maximum demonstrated Crosswind 15 kts

Never Exceed Speed V_{NE}	
Category N/U 145 kts	Category A 149 kts

Design Maneuvering Speed V_A	
Category N/U 116 kts	Category A 129 kts

Flaps Extended Speed V_{FE}	
15° 121 kts	25°, 35° 116 kts

Maximum Load Factors (Flaps Up)		
Category N +3,8 / -1,52G	Category U + 4,4 / -1,76G	Category A +6,0 / - 3,0G
Maximum Load Factors (Flaps Down)		
Category N +2,0 / -0,0G	Category U +2,0 / -0,0G	Category A +2,0 / -0,0G

Maximum Weight & Numner of Persons		
Category N 2335 lbs / 4 persons	Category U 2137 lbs / 4 persons	Category A 1940 lbs / 2 persons

Total fuel quantity 202 liter
 Usable fuel quantity 198 liter
 Fuel grades MOGAS minimum 95 octane leaded or unleaded
 AVGAS UL91
 AVGAS 100LL

Check airplane flight manual for:

- Normal, abnormal and emergency procedures
- Relevant performance data
- Any other limitations

Emergency procedure Canopy

- Secure the canopy lock, after opening the canopy for making a forced or precautionary landing

Aerobatic flights

- Use risk analysis before and during flight
 (see "Risico Analyse Aerobatic Vluchten")