

N4184C

QRH

**Dies ist kein offizielles Handbuch und erhebt keinen Anspruch auf
Richtigkeit!**

Bitte stets die offiziellen Handbücher beachten!

Revision 1, April 2015

Before Start

- Radios OFF
- Altimeter QNH/SET TO FIELD
- Master ON
- Beacon ON
- Fuel FULLEST TANK (Avgas)
- Throttle 1/8 OPEN
- Mixture RICH
- Carb Heat OFF
- Primer IN AND LOCKED
- Brakes SET
- Area CLEAR

Oil Pressure min 20PSI in 30sec

After Start

- Flaps SET FOR T/O
- Flight Controls CHECK
- Trim CENTERED
- Fuel SWITCH FOR TAXI

Run Up

- Oil 40-55Psi 60F(15°C)
- 2000RPM Mag200/50
- Carb Heat Check

- Alternator Check

T/O Check

- Fuel FULLEST (Avgas)
- Mixture RICH
- Carb Heat OFF
- Mags BOTH

T/O Power min2250---max2500

AFTER T/O Check

- Flaps UP
- Landing Light OFF

Throttle 2500rpm(75%)
 2600rpm(83%)

Descent/Landing Check

- Fuel FULLEST TANK
- Mixture RICH
- Carb Heat AS REQ

$V_{app} = V_{ref} + 1/2HW; \min 5$ 80+(2400lbs)
 70+(2000lbs)

G/A: Carb Heat Off, Flap 1, Speed 80

Pattern

- Downwind 2000Rpm F0 80
- Base 1200Rpm F1 80
- Final 1500Rpm F2/3 80

Cool Down 1Minute
Mag P-Lead Check

Parking Check

- Radios OFF
- Beacon OFF
- Master OFF
- Mags OFF
- Mixture OFF

Engine Failure(in Flight)

- Speed 80
- Fuel FULLEST/OTHER TANK
- Mixture RICH
- Mags BOTH
- Carb Heat ON/AS REQ
- Primer IN AND LOCKED

Engine Restarts?

If no Restart

- Speed 70
- Fuel SHUT OFF
- Mixture OFF
- Radio Mayday/7700
- Master OFF
- Flaps AS REQ
- Door UNLATCH
- Seatbelts FASTEN

Wind?

Engine Fire During Start (on Ground)

- Cranking CONTINUE
 - If Engine Starts
 - Power at 1700rpm for 2 Mini than OFF

 - If Engine does not start
 - Throttle full open
 - Mixture OFF
 - Cranking 20sec
 - Master OFF
 - Fuel OFF

Engine Fire (in Flight)

- Mixture OFF
- Fuel OFF
- Master OFF
- Cabin Heat OFF

- Speed 100 or more
- Land Asap (consider Emergency Ldg)

Electrical Fire

- Master OFF
- All Switches OFF
- Cabin Heat OFF
- Land Asap (consider Emergency Ldg)

Wing Fire

- Nav/Pos Light OFF
- Ldg Light OFF
- Fuel OPPOSITE TANK
- Sideslip away
- Land Asap (consider Emergency Ldg)

Sicherheitslandung (with Power)

- Suitable Field SELECT
- Speed 80
- Flaps FULL

- ATC INFORM
 - Radios OFF
 - Master OFF
 - Doors UNLATCH
- If Crash is expected
- just before Touch down, Fuel/Mags OFF

Performance

<u>Speeds</u>	Normal 2400lbs	Utility 2000lbs
Vs no Flap	65	59
Vs full Flap	62	56
Vref 1.23 Vs	80	70
Vy best Rate	82	82
Vfe	88	88
Vno	120	120
Vne	158	170

Oil

SAE100, unlegiert

Max	9 Quarts
Min	5 Quarts
Tmax	230F(110°C)
Tmin	60F(15°C)

Fuel

50 Gallons Total (25 per Side/95 Liter pro Seite)
usable Fuel 23 Gallons per Side (87 Liter)

Cargo Compartment max 100lbs (45Kg)

Tire Pressure Gross Weight/100