

N4575A

Grob 102 Astir iiib CHECKLIST

SEE WEIGHT LIMITS ON REVERSE

COCKPIT:

Weight & Balance CALCULATE
Landing gear DOWN & LOCKED
Radio ON BOARD
AROW Documents ON BOARD
Canopy condition CHECK
Canopy Lock INSPECT
Canopy Jettison SECURE
Wing spar spigots SECURE
Cushions/Parachute ... AS REQUIRED
Rudder pedals ADJUST & LOCK
Harness INSPECT
Spoilers UNLOCKED
Controls POSITIVE CHECK

FWD FUSELAGE:

General condition CHECK
Yaw string CHECK
Static port (LF) CHECK
Tow hook INSPECT
Canopy hinges SECURE & FLUSH
Static port (RF) CHECK
Main wheel CHECK (36psi)
Gear strut AXLE VISIBLE
Gear doors INSPECT

EACH WING:

General condition CHECK
Ballast cap SECURE
Aileron CHECK
Aileron gap seal INSPECT
Shake test PERFORM

REAR FUSELAGE:

General condition CHECK
R. Wing gap seal CHECK
Static port (RR) CHECK
Tailwheel INSPECT
T-Tail bolt/nut SECURE (TAPED)
TE Probe INSPECT
Pitot tube INSPECT
Rudder gap seal INSPECT
Rudder CHECK
Elevator CHECK
Elevator actuator INSPECT
Static port (LR) INSPECT
L. Wing gap seal CHECK

PREFLIGHT INSPECTION COMPLETE

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PRE-TAKEOFF

Cockpit ballast AS REQUIRED
Water ballast AS REQUIRED
Tow altitude REQUEST

Electric timer START
Radio ON
Transponder SBY/1200
Controls CHECK
Straps SECURE
Instruments CHECK & SET
Trim SET (FWD)
Canopy CLOSE & LATCH
Spoilers CLOSE & LOCK
Tow rope ATTACH
Wind direction ASSESS
Emergency plan BRIEF
Transponder ALT + DISCREET
Launch path CLEAR
OSO SIGNAL READY

PRE-TAKEOFF CHECKLIST COMPLETE

Max. Aerotow 92 KIAS
Max. Winch 64 KIAS

OFF-TOW CHECKLIST

Tow rope CLEAR
Tow plane DECONFLICT
Airspeed ESTABLISH
Landing gear RETRACT
Trim AS REQUIRED
Variometer ON
Lookout MAINTAIN

OFF-TOW CHECKLIST COMPLETE

Vne 135 KIAS Min.sink ... 40 KIAS
Vs0 32 KIAS Best L/D ... 56 KIAS
Vs1 38-42 KIAS Best Speed 65 KIAS

PRE-LANDING CHECKLIST

Landing gear EXTEND & LOCK
Pattern entry ANNOUNCE **!GEAR!**
Airspeed 55 KIAS MINIMUM
Spoilers UNLOCK
Pattern, TDZ CLEAR
Transponder OFF AFTER LANDING

PRE-LANDING CHECKLIST COMPLETE

COASTAL (83J) CTAF 122.800

PENSACOLA APPROACH 119.000

PENSACOLA ATIS 121.250

OSO Telephone (850) 255 - 1128

PERFORMANCE

Max. crosswind 11 KTS

Pilot weight limits:
including parachute weight

Minimum 154lb / 70kg
 Maximum 242lb / 110kg

Empty weight 573lb / 260kg
 Max. Takeoff Weights:
 w/ no ballast 838lb / 380kg
 w/ 22gal 992lb / 450kg

Vne 135 KIAS
 Rough Air 135 KIAS
 Max. Gear 135 KIAS
 Max. Spoilers 135 KIAS
 Va 92 KIAS
 Max. Aerotow 92 KIAS
 Max. Winch 64 KIAS
 Vs0 32 KIAS
 Vs1 36 KIAS

Min. Sink 40 KIAS
 Best L/D 56 KIAS
 Best Speed To Fly 65 KIAS

Tire pressures ... 36psi (2.5bar)

SECURING CHECKLIST

Radio REMOVE
 Transponder OFF
 Electric timer OFF
 Cushions REMOVE
 Water ballast DRAIN
 Cockpit area CLEAN

Main & Tail Wheels ... ON SLABS
 TE probe cover INSTALL
 Pitot tube cover INSTALL
 Tail tie-down TIE
 T-Tail control lock INSTALL
 T-tail cover INSTALL

Wing covers INSTALL
 Wing tie-downs TIE
 Checklist REPLACE
 Canopy cover INSTALL