

Takeoff Checklist - ASK 7 - N6159M

- Controls → Free and normal
- Ballast → Front seat 140-220 lbs, useful load 405 lbs
- Straps → Secure and snug
- Instruments → Adjusted - alt Set 800 ft - radio 122.8 - volume adj.
- Trim → Set for takeoff, neutral
- Spoilers → Closed and locked
- Canopy → Closed and locked
- Tow Line → Hooked up and checked
- Radio Check → Call tow plane with release height
- Emergency → Options for premature rope break

Pilot weight range: 140 lbs Min - 220 lbs Max
Empty weight: 655 lbs Max gross weight: 1050 lbs
Max useful load: 395 lbs
Max tow speed: 85 kts Max flight speed: 90 kts
Max maneuver speed: 85 kts

Landing Checklist - ASK 7 - N6159M

- Speed → L/D (26:1) 40 kts(S), 46 kts(D) + ½ wind + full gust
- Trim → Set for pattern speed
- Spoilers → Checked hands on
- Radio → Intent to land on 45 or downwind - ADG 122.80
- Pattern speed → 50 kts or best L/D 40 kts + ½ wind speed + gust
- Look → Check pattern / area for traffic
- Land → Level attitude, touchdown 35-40 kts

Stall Speed: 29 kts (Single) 32 kts (Double)
Min Sink: 32 kts (S) 37kts (D) 138 ft/min
Best speed L/D: 40kts (S) 46 kts (D) Glide distance /1000 ft = 4.2 nm