

**ASW15 – N99AH  
Takeoff Checklist**

- Tail Dolly..... Removed
- Controls.....Free and Clear, Gear Lever in Locked Detent
- Ballast..... Pilot & Baggage 143 lbs Min-242 lbs Max
- Straps.....Secure, parachute straps adjusted
- Instruments...Adjusted (ADG Radio: 122.8; Altimeter Set: 800)
- Trim.....Set for Takeoff, Neutral
- Spoilers.....Closed and Locked
- Canopy.....Closed and locked
- Tow Line.....Attached & Checked (Use Weak-Link)
- Radio Check..Call Tow Plane with Release height
- Emergency Plan

**Pilot Weight Range: 143 lbs min - 242 lbs max**

**Empty weight: 458 lbs      Max Gross Weight: 700 lbs**

**Max tow speed: 93 mph      Max flight speed 137 mph**

**Max maneuver speed: 93 mph**

**ASW15 – N99AH  
Landing Checklist**

- Undercarriage down in Locked Detent, double check with a tug.
- Spoilers checked
- Transmit intent to Land on 45 or Downwind ADG 122.80
- Airspeed pattern; 55-60 mph or best L/D 56 mph + ½ wind speed + gust
- Look, check pattern/area for traffic
- Land on main wheel, level attitude, touchdown 45-50 mph

**Speeds in mph**

**Stall: 42 mph**

**Min Sink: 44 mph**

**Best L/D: 56 mph**