



PILOT MENTOR CHECKLIST

Pilot Name: _____

Date: _____

Mission Area: _____

PRE-FLIGHT

1. Confirm current Medical, BFR, and Insurance.
2. Confirm Weather VFR & winds within limits.
3. Meet Student/Guardian – **Sign Waiver**.
4. Local Airport orientation, infrastructure, and procedures. Flight line Safety.
5. Discuss selected Mission Area, career options, and potential paths.
6. Brief Student checklist & how/when to accomplish. Emphasis on those items that are specific to STEM Mission selected.
7. Discuss basic navigation principles & pre-plan targets (per mission tasks).
8. Complete aircraft pre-flight and crew safety briefing. Emphasize use of checklist.

FLIGHT

1. Demonstration of radio, taxi, takeoff, and climb procedures & techniques.
2. Cruise tasks: Level-off, power management, controls, and engine instruments.
3. Demonstration/discussion of Heading, Airspeed, and Altitude instruments.
4. Demonstration of flight maneuvers including turns, climbs, and descents.
5. Accomplish Student Checklist Items for Selected Mission
 1. _____
 2. _____
 3. _____
 4. _____
6. Return to airport, descent, and landing procedures & techniques.
7. Aircraft parking, shut-down, and post-flight procedures.

POST-FLIGHT

1. Secure the aircraft & take photos and selfies with student.
2. Mission Debrief & Critique and follow up contacts.
3. Review Student Checklist and sign & photograph. Award Certificate.
4. Send copy of completed Mission Checklist to info@stemflights.org or Text 703-655-9080

Share Personal Experiences!