



STEM FLIGHTS

STUDENT CHECKLIST

Student Name: _____ Date: _____

Mission Area: _____

PRE-FLIGHT

1. Complete on-line Mission Training. Meet Pilot Mentor (PM) at your local airport.
2. Airport orientation & safety procedures with PM. **Sign Waiver.**
3. Review local aeronautical map and locate the airport. Record IATA Code: _____
4. Record the aircraft N-number: _____ Make/Model: _____
5. Review Mission Objectives & Checklist with PM.
6. Complete aircraft pre-flight and safety briefing. Emphasize use of checklist.

FLIGHT

1. Demonstration of radio, taxi, takeoff, and climb procedures & techniques. Record:
Winds _____ Pressure _____ T.O. Runway _____ T.O. Speed _____
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. _____

(use back of checklist if required)
6. Return to airport, descent and landing procedures and techniques.
7. Make landing pattern radio call: _____
8. Aircraft parking, shut-down, and post-flight procedures.
9. Record Flight Time: _____

POST-FLIGHT

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

Pilot Signature: _____