WINGS Program Flight Activities

(This list of flight activities is for ASEL at the private, commercial, or ATP level of certificates.)

Basic Level

Flight Topic 1 (Pick one activity)

Activity A070405-07: ASEL–Takeoffs, Climbs, Approaches, Landings, Go-Arounds

1. Selected Airport Operations tasks from these:
    1.a. Communications, Light Signals, and Runway Lighting Systems (per Private ACS task PA.III.A)
    1.b. Traffic Patterns (per Private ACS task PA.III.B)
2. Selected Takeoffs, Landings, and Go-Arounds tasks from these:
    2.a. Normal Takeoff and Climb (per Private ACS task PA.IV.A)
    2.b. Normal Approach and Landing (per Private ACS task PA.IV.B)
    2.c. Soft-Field Takeoff and Climb (per Private ACS task PA.IV.C)
    2.d. Soft-Field Approach and Landing (per Private ACS task PA.IV.D)
    2.e. Short-Field Takeoff and Maximum Performance Climb (per Private ACS task PA.IV.E)
    2.f. Short-Field Approach and Landing (per Private ACS task PA.IV.F)
    2.g. Go-Around/Rejected Landing (per Private ACS task PA.IV.N)
3. Selected Emergency Operations tasks from these:
    3.a. Emergency Descent (per Private ACS task PA.IX.A)
    3.b. Emergency Approach and Landing (per Private ACS task PA.IX.B)
    3.c. Systems and Equipment Malfunctions (per Private ACS task PA.IX.C)
    3.d. Emergency Equipment and Survival Gear (per Private ACS task PA.IX.D)
4. Night Preparation (per Private ACS task PA.XI.A)

Activity A070405-89: ASEL–Takeoffs, Landings, Go-arounds–Advanced Level

1. Normal Takeoff and Climb (per Commercial ACS task CA.IV.A)
2. Normal Approach and Landing (per Commercial ACS task CA.IV.B)
3. Short-Field Approach and Landing (per Commercial ACS task CA.IV.F)
4. Power-Off 180º Accuracy Approach and Landing (per Commercial ACS task CA.IV.M)
5. Go-Around/Rejected Landing (per Commercial ACS task CA.IV.N)

Flight Topic 2 (Pick one activity)

Activity A070405-08: ASEL–Slow Flight, Stall, Spins, Upsets, Basic Instruments

1. Selected Slow Flight and Stalls tasks from these:

1.a.   Maneuvering During Slow Flight (per Private ACS task PA.VII.A)

1.b.   Power-Off Stalls (per Private ACS task PA.VII.B)

1.c.   Power-On Stalls (per Private ACS task PA.VII.C)

1.d.   Spin Awareness (per Private ACS task PA.VII.D)

2.   Selected Basic Instrument Maneuvers tasks from these:

2.a.   Straight-and-Level Flight (per Private ACS task PA.VII.A)

2.b.   Constant Airspeed Climbs (per Private ACS task PA.VII.B)

2.c.   Constant Airspeed Descents (per Private ACS task PA.VII.C)

2.d.   Turns to Headings (per Private ACS task PA.VII.D)

2.e.   Recovery from Unusual Flight Attitudes (per Private ACS task PA.VII.E)

2.f.   Radio Communications, Navigation Systems/Facilities, and Radar Services (per Private ACS task PA.VII.F)

Activity A080103-01: Instrument Proficiency Check

1.   Successfully complete an IPC

Flight Topic 3 (Pick one activity)

Activity A100125-07: ASEL–Airport Operations

1.   Selected Preflight Procedures tasks from these:

1.a.   Preflight Assessment (per Private ACS task PA.II.A)

1.b.   Flight Deck Management (per Private ACS task PA.II.B)

1.c.   Engine Starting (per Private ACS task PA.II.C)

1.d.   Taxiing (per Private ACS task PA.II.D)

1.e.   Before Takeoff Check (per Private ACS task PA.II.F)

2.   Selected Airport Operations tasks from these:

2.a.   Communications, Light Signals, and Runway Lighting Systems (per Private ACS task PA.III.A)

2.b.   Traffic Patterns (per Private ACS task PA.III.B)

3.   After Landing, Parking and Securing (per Private ACS task PA.XII.A)

Activity A100125-08: ASEL–Air Work–Performance Flight and Ground Reference Maneuvers

1.   Selected Performance and Ground Reference Maneuvers tasks from these:

1.a.   Steep Turns (per Private ACS task PA.V.A)

1.b.   Ground Reference Maneuvers (per Private ACS task PA.V.B)

2.   Selected Emergency Operations tasks from these:

2.a.   Emergency Descent (per Private ACS task PA.IX.A)

2.b.   Emergency Approach and Landing (per Private ACS task PA.IX.B)

2.c.   Systems and Equipment Malfunctions (per Private ACS task PA.IX.C)

2.d.   Emergency Equipment and Survival Gear (per Private ACS task PA.IX.D)

Activity A100125-09: ASEL–Navigation

1.   Pilotage and Dead Reckoning (per Private ACS task PA.VI.A)
2.   Navigation Systems and Radar Services (per Private ACS task PA.VI.B)
3.   Diversion (per Private ACS task PA.VI.C)
4.   Lost Procedures (per Private ACS task PA.VI.D)

Activity A100125-10: ASEL–Emergency Operations

1.   Soft-Field Takeoff and Climb (per Private ACS task PA.IV.C)
2.   Basic Instrument Maneuvers, Constant Airspeed Climbs (per Private ACS task PA.VII.B)
3.   Basic Instrument Maneuvers, Constant Airspeed Descents (per Private ACS task PA.VII.C)
4.   Emergency Approach and Landing (per Private ACS task PA.IX.B)
5.   Night Preparation (per Private ACS task PA.XI.A)

Activity A100126-54: ASEL–Instrument Maneuvers, Emergency Approach, Night

1.   Soft-Field Takeoff and Climb (per Private ACS task PA.IV.C)
2.   Basic Instrument Maneuvers, Constant Airspeed Climbs (per Private ACS task PA.VII.B)
3.   Basic Instrument Maneuvers, Constant Airspeed Descents (per Private ACS task PA.VII.C)
4.   Emergency Approach and Landing (per Private ACS task PA.IX.B)
5.   Night Preparation (per Private ACS task PA.XI.A)

Advanced Level

Flight Topic 1 (Only one activity)

Activity A070405-89: ASEL–Takeoffs, Landings, Go-arounds–Advanced Level

1.   Normal Takeoff and Climb (per Commercial ACS task CA.IV.A)
2.   Normal Approach and Landing (per Commercial ACS task CA.IV.B)
3.   Short-Field Approach and Landing (per Commercial ACS task CA.IV.F)
4.   Power-Off 180º Accuracy Approach and Landing (per Commercial ACS task CA.IV.M)
5.   Go-Around/Rejected Landing (per Commercial ACS task CA.IV.N)

Flight Topic 2 (Pick two activities)

Activity A080103-01: Instrument Proficiency Check [counts for both credits]

1.   Successfully complete an IPC

Activity A070405-90: ASEL–Turns, Diversion, Slow Flight, Stalls

1.   Steep Turns (per Commercial ACS task CA.V.A)
2.   Pilotage and Dead Reckoning (per Commercial ACS task CA.VI.A)

3. Diversion (per Commercial ACS task CA.VI.C)

4. Maneuvering During Slow Flight (per Commercial ACS task CA.VII.A)

5. Power-Off Stalls (per Commercial ACS task CA.VII.B)

6. Power-On Stalls (per Commercial ACS task CA.VII.C)

Activity A100126-52: ASEL–Takeoffs, Slips, and Air Work

1. Soft-Field Takeoff and Climb (per Private ACS task PA.IV.C)

2. Short-Field Takeoff and Maximum Performance Climb (per Private ACS task PA.IV.E)

3. Forward Slip to a Landing (per Private ACS task PA.IV.M)

4. Steep Turns (per Private ACS task PA.V.A)

5. Rectangular Course (per Private ACS task PA.V.B)

Activity A100126-53: ASEL–Turns, Pilotage, Navigation, Diversion

1. S-Turns (per Private ACS task PA.V.B)

2. Turns Around a Point (per Private ACS task PA.V.B)

3. Pilotage and Dead Reckoning (per Private ACS task PA.VI.A)

4. Navigation Systems and Radar Services (per Private ACS task PA.VI.B)

5. Diversion (per Private ACS task PA.VI.C)

6. Lost Procedures (per Private ACS task PA.VI.D)

Activity A100126-54: ASEL–Instrument Maneuvers, Emergency Approach, Night

1. Soft-Field Takeoff and Climb (per Private ACS task PA.IV.C)

2. Basic Instrument Maneuvers, Constant Airspeed Climbs (per Private ACS task PA.VII.B)

3. Basic Instrument Maneuvers, Constant Airspeed Descents (per Private ACS task PA.VII.C)

4. Emergency Approach and Landing (per Private ACS task PA.IX.B)

5. Night Preparation (per Private ACS task PA.XI.A)

Activity A100126-55: ASEL–Engine Starting, Taxiing, Traffic Patterns, Navigation

1. Engine Starting (per Commercial ACS task CA.II.C)

2. Taxiing (per Commercial ACS task CA.II.D)

3. Before Takeoff Check (per Commercial ACS task CA.II.F)

4. Traffic Patterns (per Commercial ACS task CA.III.B)

5. Navigation Systems and Radar Services (per Commercial ACS task CA.VI.B)

6. Lost Procedures (per Commercial ACS task CA.VI.D)

Activity A100126-56: ASEL–Short and Soft Field Takeoff and Landing, Emergency Landings

1. Soft-Field Takeoff and Climb (per Commercial ACS task CA.IV.C)

2. Soft-Field Approach and Landing (per Commercial ACS task CA.IV.D)

3. Short-Field Takeoff and Maximum Performance Climb (per Commercial ACS task CA.IV.E)

4.   Emergency Approach and Landing (per Commercial ACS task CA.IX.B)

Activity A100126-57: ASEL–Steep Spiral, Chandelles, Lazy Eights, Eights on Pylons

1.   Steep Spiral (per Commercial ACS task CA.V.B)

2.   Chandelles (per Commercial ACS task CA.V.C)

3.   Lazy Eights (per Commercial ACS task CA.V.D)

4.   Eights on Pylons (per Commercial ACS task CA.V.E)

Master Level

Flight Topic 1 (Only one activity)

Activity A070405-165: ASEL–Takeoffs, Landings, Performance Maneuvers

1.   Soft-Field Takeoff and Climb (per Commercial ACS task CA.IV.C)

2.   Soft-Field Approach and Landing (per Commercial ACS task CA.IV.D)

3.   Short-Field Takeoff and Maximum Performance Climb (per Commercial ACS task CA.IV.E)

4.   Steep Spiral (per Commercial ACS task CA.V.B)

5.   Chandelles (per Commercial ACS task CA.V.C)

6.   Eights on Pylons (per Commercial ACS task CA.V.E)

7.   Emergency Approach and Landing (per Commercial ACS task CA.IX.B)

8.   Steep Turns (per ATP ACS task AA.IV.A)

9.   Power Plant Failure (per ATP ACS task AA.VII.C)

10. Recovery from Unusual Attitudes (per ATP ACS task AA.IV.B)

Flight Topic 2 (Pick one activity)

Activity A100126-75: ASEL–Rejected Landings, Navigation Systems, Lost Procedures

1.   Go-Around/Rejected Landing (per Commercial ACS task CA.IV.N)

2.   Navigation Systems and Radar Services (per Commercial ACS task CA.VI.B)

3.   Diversion (per Commercial ACS task CA.VI.C)

4.   Lost Procedures (per Commercial ACS task CA.VI.D)

Activity A100126-76: ASEL–Stall, Circling Approach and Landing, Instrument Failure

1.   Power-Off Stalls (per Commercial ACS task CA.VII.B)

2.   Power-On Stalls (per Commercial ACS task CA.VII.C)

3.   Circling Approach (per Instrument ACS task IA.VI.D)

4.   Landing from a Straight-in or Circling Approach (per Instrument ACS task IA.VI.E)

5.   Approach with Loss of Primary Flight Instrument Indicators (per Instrument ACS task IA.VII.D)

Activity A100126-77: ASEL–Airport Operations

1. Engine Starting (per Commercial ACS task CA.II.C)
2. Taxiing (per Commercial ACS task CA.II.D)
3. Before Takeoff Check (per Commercial ACS task CA.II.F)
4. Traffic Patterns (per Commercial ACS task CA.III.B)
5. Emergency Approach and Landing (per Commercial ACS task CA.IX.B)

Activity A100126-78: ASEL–Other Takeoffs and Landings and Air Work

1. Soft-Field Takeoff and Climb (per Commercial ACS task CA.IV.C)
2. Soft-Field Approach and Landing (per Commercial ACS task CA.IV.D)
3. Short-Field Takeoff and Maximum Performance Climb (per Commercial ACS task CA.IV.E)
4. Steep Turns (per Commercial ACS task CA.V.A)
5. Steep Spiral (per Commercial ACS task CA.V.B)

Activity A100126-79: ASEL–Commercial Maneuvers and Navigation

1. Chandelles (per Commercial ACS task CA.V.C)
2. Lazy Eights (per Commercial ACS task CA.V.D)
3. Eights on Pylons (per Commercial ACS task CA.V.E)
4. Navigation Systems and Radar Services (per Commercial ACS task CA.VI.B)
5. Lost Procedures (per Commercial ACS task CA.VI.D)

Activity A070405-129: ASEL–Dead Reckoning, Diversion, Slow Flight, Stalls

1. Pilotage and Dead Reckoning (per Commercial ACS task CA.VI.A)
2. Diversion (per Commercial ACS task CA.VI.C)
3. Maneuvering During Slow Flight (per Commercial ACS task CA.VII.A)
4. Power-Off Stalls (per Commercial ACS task CA.VII.B)
5. Power-On Stalls (per Commercial ACS task CA.VII.C)

Activity A070405-166: ASEL–Instrument Procedures

1. Holding Procedures (per Instrument ACS task IA.III.B)
2. Basic Instrument Flight Maneuvers (per Instrument ACS task IA.IV.A)
3. Recovery from Unusual Flight Attitudes (per Instrument ACS task IA.IV.B)
4. Intercepting and Tracking Navigational Systems and Arcs (per Instrument ACS task IA.V.A)
5. Non-precision Approach (per Instrument ACS task IA.VI.A)
6. Precision Approach (per Instrument ACS task IA.VI.B)
7. Missed Approach (per Instrument ACS task IA.VI.C)