**ADEPT-FC Flight Plan for Flight 10**

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| Phase | Tasks | Task Details |
| Preflight | * Assembly * Preflight checklist * Load wingleveler gains | * All task details are included in AP validation procedure, Walkaround procedure, and ADEPT-FC checklist |
| Overfly check 1 | * Taxi checklist, taxi to active * Before T/O checklist, T/O * Crosswind, downwind * On downwind, cruise checklist * Arm AP * Base | * Altitude: Pilot’s discretion * Flight velocity: ~ 30 m/s * Elevator, rudder, throttle to trim |
| Wing leveler steady test | * Overfly: steady level pass * At threshold, engage AP * At crosswind turn, disengage AP * Downwind, base | * Altitude: Pilot’s discretion * Flight velocity: ~ 30 m/s * Elevator, rudder, throttle to trim * AP on for ~10 seconds |
| Wing leveler right banked test | * Overfly: steady banked pass * At threshold, engage AP * At crosswind turn, disengage AP * Downwind, base | * Altitude: Pilot’s discretion * Flight velocity: ~ 30 m/s * Banked at approximately 20 degrees * Elevator, rudder, throttle to trim * AP on for ~10 seconds |
| Wing leveler left banked test | * Overfly: steady banked pass * At threshold, engage AP * At crosswind turn, disengage AP * AP disarm | * Altitude: Pilot’s discretion (pattern) * Flight velocity: ~ 30 m/s * Banked to approximately -20 degrees * Elevator, rudder, throttle to trim * AP on for ~10 seconds |
| Approach, landing, shutdown | * Downwind * Approach checklist * Base, final, land * Taxi, shutdown, lockout checklist | * All task details are included in ADEPT-FC checklist |
| Recharge and reset | * Recharge all batteries * Preflight checklist * Load uniform gains | * All task details are included in AP validation procedure, Walkaround procedure, and ADEPT-FC checklist |
| Overfly check 2 | * Taxi checklist, taxi to active * Before T/O checklist, T/O * Crosswind, downwind * On downwind, cruise checklist * Arm AP * Base | * Altitude: Pilot’s discretion * Flight velocity: ~ 30 m/s * Elevator, rudder, throttle to trim |
| Uniform throttle steady test | * Overfly: steady level pass * At threshold, engage AP * At crosswind turn, disengage AP * Downwind, base | Altitude: Pilot’s discretion  Flight velocity: ~ 30 m/s  Elevator, rudder, throttle to trim  AP on for ~10 seconds |
| Uniform throttle roll test | * Overfly: steady banked pass * At threshold, engage AP * At crosswind turn, disengage AP * Downwind, base | Altitude: Pilot’s discretion  Flight velocity: ~ 30 m/s  Banked at approximately 20 degrees  Elevator, rudder, throttle to trim  AP on for ~10 seconds |
| Uniform throttle pitch test | * Overfly: steady pitched pass * At threshold, engage AP * At crosswind turn, disengage AP * Downwind, base | Altitude: Pilot’s discretion (pattern)  Flight velocity: ~ 30 m/s  Pitched to approximately 10 degrees  Elevator, rudder, throttle to trim  AP on for ~10 seconds |
| Uniform throttle yaw test | * Overfly: steady level pass * At crosswind turn, engage AP * Yaw for approximately 180 degrees * At end of turn, disengage AP * AP disarm | Altitude: Pilot’s discretion (pattern)  Flight velocity: ~ 30 m/s  Elevator, rudder, throttle to trim  AP on for ~30 seconds |
| Approach, landing, shutdown | * Downwind * Approach checklist * Base, final, land * Taxi, shutdown, lockout checklist | * All task details are included in ADEPT-FC checklist |