

Post-Installation Servo Activation Checklist

CHALLENGE / RESPONSE

AIRCRAFT

WYMMS-1 S/N

 SKYVIEW SW
17.2+

 FIRMWARE
1.4.2

1 PREFLIGHT

GROUND

- ☐ WYMMS circuit breaker **IN**
- ☐ Master / avionics **ON**
- ☐ SkyView WYMMS page **DISPLAYED**
- ☐ Servo status **GREEN / CAL**
- ☐ Slip-clutch override **CHECKED**
- ☐ Flight controls **FREE & CORRECT**
- ☐ Rudder pedal travel **FULL, NO BINDING**
- ☐ Servo arm / pushrod **SECURE, COTTERED**

2 BEFORE TAKEOFF

- ☐ WYMMS mode **STANDBY**
- ☐ Autopilot **DISENGAGED**
- ☐ Trim **SET**
- ☐ Smooth-air block **IDENTIFIED**

3 ACTIVATION

CRUISE

- ☐ Autopilot master **OFF**
- ☐ Trim **NEUTRAL**
- ☐ Heading bug **SET TO COURSE**
- ☐ Servo circuit breakers **CHECKED IN**
- ☐ Yaw damper **ENGAGED**
- ☐ Attitude reference **CROSS-CHECK WITH HORIZON**
- ☐ WYMMS mode **ENGAGED**
- ☐ Ball **CENTERED, HANDS OFF**
- ☐ Yaw-moment baseline **CAPTURED (30 SEC)**
- ☐ Servo current **WITHIN LIMITS**

Baseline requires wings level, constant power, and smooth air. Repeat if SkyView reports BASELINE INVALID.

4 COORDINATION CHECKS

- ☐ Left turn, 20° bank **BALL CENTERED**
- ☐ Right turn, 20° bank **BALL CENTERED**
- ☐ Power +300 RPM **NO YAW EXCURSION**
- ☐ Power -300 RPM **NO YAW EXCURSION**
- ☐ Flaps, first notch **NO YAW EXCURSION**
- ☐ Pedal override **SERVO SLIPS, NO FAULT**
- ☐ WYMMS disconnect (AP panel) **SERVO LIMP**
- ☐ WYMMS mode **RE-ENGAGE**

5 FAULT CHECK

- ☐ SkyView alerts **NONE**
- ☐ Servo temperature **NORMAL**
- ☐ SV-NET status **ALL DEVICES ONLINE**
- ☐ If SERVO FAULT **STANDBY, LAND, INSPECT**

6 RETURN / SHUTDOWN

- ☐ WYMMS mode **STANDBY BEFORE DESCENT**
- ☐ Approach & landing **NORMAL**
- ☐ Servo current, max observed **RECORD**
- ☐ Baseline value **RECORD**
- ☐ Activation result **LOG ENTRY**

PILOT IN COMMAND

INSTALLER

DATE / RESULT

WYMMS-CL-001 Rev A. This checklist supplements, and does not replace, the aircraft flight manual. Perform activation in VMC, in smooth air, with a suitable landing area within gliding distance for the first engagement.