

MSFS

CIRRUS SR22T G6

SN:

ASOBO / WORKING TITLE · NORMAL PROCEDURES / FLIGHT CHECKLIST

COCKPIT PREP

- | | |
|---|---------------------------|
| ☐ PARKING BRAKE | SET |
| ☐ MASTER SWITCH (BAT/ALT) | ON |
| ☐ AVIONICS MASTER | OFF |
| ☐ CAPS ACTIVATION HANDLE | PIN REMOVED, COVER SECURE |
| ☐ CIRCUIT BREAKERS | CHECKED IN |
| ☐ FUEL QUANTITY (L / R) | CHECK / SET |
| ☐ SEAT BELTS / DOORS | SECURE |
| ☐ FLIGHT CONTROLS (SIDE YOKE) | FREE & CORRECT |
| ☐ PITCH TRIM | SET FOR T/O |
| ☐ FLAPS | UP |
| ☐ MIXTURE | IDLE CUTOFF |
| ☐ WEIGHT & BALANCE | WITHIN LIMITS |

AFTER START / BEFORE TAXI

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|--|----------------|
| ☐ AVIONICS MASTER | ON |
| ☐ PERSPECTIVE+ (G1000 NXI) | INIT, FLT PLAN |
| ☐ TRANSPONDER | STBY, CODE SET |
| ☐ GFC 700 AUTOPILOT | TEST |
| ☐ FLIGHT INSTRUMENTS | CROSS-CHECK |
| ☐ FLAPS | CYCLE CHECK |
| ☐ OIL TEMP | RISE, MONITOR |

STARTING ENGINE (FUEL INJECTED)

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|---|--------------------------|
| ☐ POWER LEVER | CRACKED 1/4" |
| ☐ MIXTURE | IDLE CUTOFF |
| ☐ AUX FUEL PUMP | ON, PRIME 2-3 SEC |
| ☐ PROP AREA | CLEAR, CALL "CLEAR PROP" |
| ☐ IGNITION / START SW | START |
| ☐ MIXTURE | ADVANCE AS ENGINE FIRES |
| ☐ OIL PRESSURE | CHECK RISING <30S |
| ☐ RPM | 2500, FIXED GOVERNOR |
| ☐ AUX FUEL PUMP | OFF, CHECK PRESS HOLDS |
| ☐ ALTERNATOR | CHECK POSITIVE |
| ☐ ENGINE IDLE | SMOOTH |

TAXI

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|--|-------------|
| ☐ PARKING BRAKE | RELEASE |
| ☐ TAXI LIGHT | ON |
| ☐ BRAKES | CHECK |
| ☐ FLIGHT INSTRUMENTS | CHECK / SET |
| ☐ FLIGHT CONTROLS | CHECK FREE |
| ☐ TAXI SPEED | AS REQ |

TAKEOFF & CLIMB

BEFORE TAKEOFF (RUN-UP 1800 RPM)

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|---|-----------------------------------|
| ☐ FLIGHT CONTROLS | FREE & CORRECT |
| ☐ PITCH TRIM | SET FOR T/O |
| ☐ FUEL SELECTOR | FULLER TANK / BOTH |
| ☐ MIXTURE | FULL RICH (ADJUST FOR FIELD ELEV) |
| ☐ MAGNETOS (L / R) | DROP ≤ 150 RPM |
| ☐ MAG DIFFERENTIAL | ≤ 50 RPM |
| ☐ ALTERNATE AIR | CHECK, NORMAL |
| ☐ MANIFOLD PRESSURE | CHECK AMBIENT |
| ☐ ENGINE INSTRUMENTS | CHECK GREEN |
| ☐ CAS MESSAGES | CHECK, NONE ACTIVE |
| ☐ FLAPS | SET FOR T/O, 50% |
| ☐ LANDING / TAXI LIGHTS | ON |
| ☐ TRANSPONDER | ALT |
| ☐ TAKEOFF BRIEFING | COMPLETE |

TAKEOFF

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|--|-------------------------|
| ☐ POWER LEVER | FULL FORWARD, 36.5" MAP |
| ☐ RPM | 2500, GOVERNED |
| ☐ ENGINE INSTRUMENTS | CHECK GREEN |
| ☐ AIRSPEED ALIVE | CHECK |
| ☐ ROTATE | 70-80 KIAS |
| ☐ CLIMB SPEED | 100-120 KIAS |
| ☐ FLAPS | UP BY 500 FT AGL |

CLIMB

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|---|---|
| ☐ CLIMB POWER | FULL THROTTLE, 36.5" MAP |
| ☐ CLIMB SPEED | 120 KIAS (Vy) |
| ☐ MIXTURE | SET PER FUEL FLOW TARGET |
| ☐ CHT / OIL TEMP | MONITOR, CHT $\leq 460^{\circ}\text{F}$ |
| ☐ MANIFOLD PRESSURE | LEANING PROHIBITED $> 30.5"$ |
| ☐ FUEL SELECTOR | MONITOR BALANCE |

CRUISE

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|---|--|
| ☐ POWER | REDUCE BELOW 30.5" MAP |
| ☐ MIXTURE | LEAN TO CYAN TARGET |
| ☐ CHT | MONITOR, KEEP $\geq 240^{\circ}\text{F}$ |
| ☐ OIL TEMP / PRESSURE | GREEN |
| ☐ FUEL SELECTOR | MONITOR BALANCE |
| ☐ GFC 700 AUTOPILOT | AS REQ |

DESCENT, APPROACH & LANDING

DESCENT

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|---|---------------------------|
| ☐ POWER | REDUCE GRADUALLY, ~2"/MIN |
| ☐ DESCENT SPEED | 140-160 KIAS |
| ☐ MIXTURE | ENRICH AS DESCENDING |
| ☐ ALTIMETER | SET LOCAL |
| ☐ LANDING DATA | REVIEW Vref |
| ☐ APPROACH BRIEFING | COMPLETE |

APPROACH

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|---|--------------------|
| ☐ PERSPECTIVE+ NAV/GPS | SET APPROACH |
| ☐ MIXTURE | FULL RICH |
| ☐ FUEL SELECTOR | FULLER TANK |
| ☐ FLAPS | 50% BELOW 150 KIAS |
| ☐ LANDING / TAXI LIGHTS | ON |

BEFORE LANDING ☐ SEAT BELTS / DOORS SECURE ☐ MIXTURE FULL RICH ☐ FLAPS 100% BELOW 119 KIAS ☐ CAS MESSAGES CHECK, NONE ACTIVE ☐ APPROACH SPEED 80-90 KIAS
