Post-Flight

| ► ADSB Handheld | . 01 | | | L | | |
|---|-----------------|-------------------|---------------|--------------|-------------|--|
| ► ADJB Handheld ► Tiedowns/Chocks ► Pitot Cover ► Fuel switch ► Gust Lock | | | | t | | |
| | ► ADSB Handheld | ► Tiedowns/Chocks | ▶ Pitot Cover | ▶ Fuelswitch | ► Gust Lock | |

▼Close Flight Plan

► Hobbs Timenote ► Check Under Seats ► Cabin / Baggage ······· lock ► Post-Flight Walkaround

Engine Failure

| MOT | |
|-------|--|
| Z | |
| Short | |
| ž | |
| • | |

- Electrical Pumpon • Alternate Airon Fue1both Mixture full/check Mags.....check all
 - ▶ Glide and Trim
- Ratio: 9, 1.48nm/1000ft • Speed: LB kts
 - ► Wind and Landing Site

 - ► Longer Flow
- Engine Indicators • Short Flow Again

 - ► No Restart
- Prop/Throttleoff Fuel off Mixture idle cut-off
- MagsOff
- Master off Belt and Seat ……… check
- Unlatch Door

- ► Approach 80/70/65 kts

| DA40-180 (Ted Yin vl.0) | ► Electric Pumpon | • MFD Range/Track Up set |
|--------------------------------|---|---|
| and Operations | ► Warm | • Instrumentsscan |
| | • Mixturel-3 sec | as r |
| TUICIGI | | • (ADSB Handheldon) |
| • W | 5 - E | Shutdown |
| Extınguısher CI | • Throttle 0.4" | ▶ ELT check (1,21,.5) |
| Key | ►"Prop Clear!" | |
| TE | ► Mags•start | ► Electricaloff |
| AVIONICS OIT | | • ACL Strobeson |
| ייי סרבי. דיי סרבי | | :1e |
| idie | ···· lean (pe | off the |
| a | :ure 135 | 'eid |
| | ····· du | key |
| check & set 1 | | |
| /Pitott | TUST C | Alternator |
| | ■ Fuel Pressure ···· 14-35 psi ■ Volts/Amos ···· 55-30/7-75A | Master |
| ▶ Fuel note | 5 | Post-F11ght |
| <u></u> | Pre-Taxi | ► (ADSB Handheldoff) |
| ls free & cor | ► Flaps UP, then T/0 | ▶Flight Planclose |
| | ► Lightsas required | ► Hobbs Timenote |
| 11-11 | Avionicson/set | ▶ Under Seats ····· check |
| Malkaround | ▶ Fuel Totalizerenter | ▶ Gust Lock ······ on |
| ▶ Fuel/0il ······· test/sample | /harkin/ | Cover |
| ► Caps/Drains/Vents | | ns/Chocks |
| ► Surfaces/Controls | | |
| ▶ Stall Strips/Fairings | | Calipoy/ Door |
| ▼ Exhaust / Antennas | TC/AL/HS | Flooded Engine |
| Ex solution Total | a | ▶ Electric Pumpoff |
| +10/0+=11 | ▶ Brakes ········· release/test | ► Mixture ···· lean (full aft) |
| V Starte /Times /Bases | Run-Up | ▶ Throttle mid position |
| V Tipo // Lives/ Drakes | ▼ Brake set | ▶ Mags• ···· start |
| ▶ Iles/Lnocks | Relts | ▼When engine fires: |
| ` | W. Door | |
| ► Final Walkaround | | vibinen) doin |
| Pre-Start | 0]8 | , Lemon o |
| ▶ Passengerbrief | | - 16 |
| ▶ Rear Doorsecure | | ALI Speeds IA |
| ▼ Canopy pos. 1/2 | | |
| elts | | |
| / tagt | lector † | ► Mass ····· 2646/2535/2205/1874 |
| - Brkrs. | | ■ Vg · · · · · · · · · · · · · · · · · · |
| Dr.Kr.'s• | | ■ Vy(Up) ·········· 7Ь/73/ЬВ/ЬП |
| A/L) | Prop x3=2! | T/0) |
| ٥ | • Mags. L/R1,75, +/-50 | |
| or Bus | • Alternate Aircheck | 09/99/E2/92dn . |
| ▼ Mixture idle cutoff | • Indicators check | |
| 20. | | · LDG · · LDG · · · · · · · · · · · · · · · · · · · |
| Batterv) | • Throttle1000 RPM | ► Va MÄM 40-227 |
| , , | 1 Mi 2+: 50 | |

| ▶ Surraces/ Controls | ► Transponder ······· squawk | ► Canpoy/Door1ock |
|-------------------------|---|-----------------------------------|
| ▶ Stall Strips/Fairings | ► Check TC/AI/HSI<->MC | Flooded Engine |
| | ► Clearance ·····obtain | ▶ Electric Pumpoff |
| ► Prop/Air Intakes x3 | ▶ Brakes ······ release/test | ► Mixture ···· lean (full aft) |
| V Truits/Tires/Brakes | Run-Up | ▶ Throttle mid position |
| ▼ Ties/Chocks | ▶ Brake set | ► Magsstart |
| ▼ Canopv/Door | ▶ Seat Beltscheck | ► When engine fires: |
| ► Final Walkaround | ► Canopy/Door ············ lock | • Throttleidle |
| | ▶ Door Warningoff | • Mixture rich (rapidly) |
| ט פֿפֿ | ▶ Flight Controls check | ▶ Finish up normal start |
| | ► Heading/Altitude ······ set | Airspeeds (KIAS) |
| | ► Com/Nav/FPLset | ▼ Vr 59 |
| •sod | ► Engine | ► VSD ······ 49, VSJ ······ 52 |
| e1ts | Fuel Selector fullest | ► Mass ····· 2646/2535/2205/1.874 |
| res | • Mixturerich | • Vq 76/73/68/60 |
| Ū | • Throttle2000 RPM | • Vy(Up) 76/73/68/60 |
| A/L) | • Cycle Prop x3250~500 | • Climb(T/0) ····· 67/56/60/54 |
| | • Mags. L/R1,75, +/-50 | |
| sng T | Alternate Air check | . IIb |
| 101 | Indicators check | |
| [U | • Throttleidle | |
| සි : | • Throttle1000 RPM | |
| (کر | • Mixturelean | G . L.L |
| ► Kudder Pedalsadjust | • Each Tank ····· 1 min, 1,500 | |
| | a]) | 94 a k |
| tact | | ►Steep Turn: <=45°, >=68 |
| ארמו ני | • GPS/System/Ann check | |

► Throttle Д. 2" ■ AP MET/HDG

| *Flaps T70 *Mixture rich *Prop high RPM *Pitot Heat as required *(Air Conditioner off) *Review Airspeeds *Time note/start *Takeoff *"Lights, Camera, Action" *Electric Pump on *Mixture/Prop/Throttle *Engine Inst. as required *T/0: Vy | In-Flight Operations Pre-Takeoff Abort Plan/Lost Comm. Canopy/Doorlock Trim |
|---|--|
| ATIS/Rwys/Approach Plan "CGUMPSF" 6 Fuel Selector Mixture rich P Pump high RPM S Seat Belts secure F Flaps as required T/0 Seat Belts secure F Flaps 471 KIAS Trim as required Lights as required Approach Speed 73-58 (Air Conditioner off) Go Around Throttle 1000 RPM Mixture 2400 RPM Pump off Lights as required Cruise Climb Post-Landing Throttle 3000 RPM Mixture as required Cruise Climb Post-Landing Throttle 00ff Lights as required Cruise Climb CO Contamination CO Contamination CO Contamination Conopy open (partially, 1000 RPM) Mixture 11ght) Engine Failure Short Flow 1. Fuel Selector fullest | 7 😤 🧸 🚓 |
| <pre>windmill L.45nm/lkft Stationary l.7nm/lkft luind and Landing Site Longer Flow Engine Inst. check Short Flow Windmill Restart Airspeed 70-80 KIAS Mags. both Mixture lean then slowly richen Stationary Restart Airspeed 80 KIAS Electrical off Avionics off Master off Landing Fuel Selector off Master off Master boor?/Brace Engine-off Landing Fuel Selector off Master off Master off Master off Cabin Heat off Inrottle off Master open Engine-off Landing Electrical Fire Cabin Heat off Master open Engine-off Landing Electrical Fire Emergency Windows open Engine-off Landing Electrical Fire Emergency Switch on Master open Emergency Windows open Engine-off Landing Electrical Fire Emergency Windows open Canopy beneficial Fire Emergency Windows open Canopy beneficial Fire Canopy beneficial partially</pre> | te / |
| | |
| | <pre>Mixture 3/4 rich Throp Clear! Mags start Mags 1000 RPM Mixture 30 secs Volts/Amps 12an for taxi Mixture 12an for taxi</pre> |
| Climb / Cruise Cruise Climb - 75-85 kts up | 3/4 rich start 1000 RPM 30 secs. 28.30 [20] |