Sally K. Ride Papers - Aircraft Flight Crew Checklist

Extracted on Apr-06-2020 09:32:03

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.07 SEC TC
.30 Roll COMPLETE
.32 q THROTTLE
.52 q max
.59 Throttle-UP
1:30 NEGATIVE SEATS
1:52 q go FOR SEP
2:05 SEP
2:25 FLASH EVAP GO
4:00 PRESS (T FAIL)
4:23 NEGATIVE RETURN
6:20 SINGLE ENG THERMAL
6:55 SINGLE ENG PRESS
7:42 3-g THROTTLING
8:42 MECO
10:00 OMS-1
ILS/LOC

ILS FREQ

SET COURSE
REVIEW MINIMA

SELECT LOC/ILS

GEAR, FLAPS
[[pointing from GEAR to ILS:FLAPS FULL]]
[[pointing from FLAPS to LOC]]
ILS: FLAPS FULL LOC: FAF- punch clock
DESEND TO MDA
[[pointing from FLAPS FULL to MISSED APPROACH]]
[[pointing from FAF to MISSED APPROACH]]
MISSED APPROACH
•LEVEL (ALT & VVT)
•GEAR, FLAPS
•AIRSPEED < 250
•HDG
### EXTERNAL PREFLIGHT

<p>| 1. CONTROL LOCK | OUT |
| 2. BATTERY SWITCH | ON |
| 3. FLAPS | DOWN |
| 4. BATTERY SWITCH | OFF |
| 5. LEFT LANDING GEAR |
| STRUT | No Damage |
| WHEEL PANTS | Firmly Attached |
| TIRE INFLATION | Proper |
| BRAKES | No Leaks |
| 6. LEFT WING FLAP | Loose Fit |
| --- | All Nuts in Place |
| 7. LEFT FUSELAGE | No Loose Rivets |
| --- | No Damage |
| 8. LEFT HORIZONTAL STABILIZER | No Loose Rivets |
| --- | No Damage |
| 9. LEFT ELEVATOR | No Damage |
| --- | Hinge Nuts in Place |
| --- | Elevator Travel Stops |
| --- | in Place |
| 10. RUDDER CABLES | Attach Nuts in Place |
| --- | Ruddor Travel Stops in |
| --- | Place |
| 11. RUDDER | No Damage |
| --- | Hinge Nuts in Place |
| 12. RIGHT ELEVATOR | Same as Left [[Note][9][Note]] |
| 13. RIGHT HORIZONTAL STABILIZER | Same as Left [[Note][8][Note]] |
| 14. RIGHT FUSELAGE | Same as Left. [[Note][7][Note]] |</p>
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TIGER

STARTING ENGINES
1. MIXTURE - RICH
2. CARB HT - COLD
3. MASTER - ON
4. BOOST PUMP - ON
   FUEL P (.5-8)
   TK SEL
5. PRIME
6. THROTTLE - 1/4"
7. IGNITION - BOTH
   STARTER - PUSH

BEFORE TAXI
1. FLAPS - UP
2. RADIOS/NAV - SET
3. BEACON - ON
4. PARKING BRAKE - OFF

IN-FLIGHT
1. XPNDR - ON
2. FUEL TK SEL
3. BOOST PUMP - OFF
4. MIXTURE - LEAN

DESCENT
1. BOOST PUMP - ON
2. FUEL TK SEL
3. MIXTURE - RICH

BEFORE SHUTDOWN
1. FLAPS - UP
2. RADIOS/NAV - OFF
3. LIGHTS - OFF
4. BOOST PUMP - OFF
5. MIXTURE - IDLE CUTOFF
6. MAGNETOS - OFF
7. MASTER - OFF
8. CABIN VENTS - CL

FUEL - 100LL (BLUE)
OIL - (8,7,6)
SPEEDS: T/O - 60
(KIAS) CL - 70/90
APP - 70
GROUND CHECK
1. FLT CNTRLs
2. TRIM
3. GYRO + ALT
4. THROTTLES - 1800 RPM
   MAGNETOS (<175)
   CARB HT
   SUCTION
5. BOOST PUMP (OFF/ON)
6. CANOPY - LATCH

[[diagram-flow chart]]

CARB HT - HOT  90 KIAS
FLAPS - 10  ~1900 RPM  X

80 KIAS

70 KIAS  ~------------------------
   FLAPS - FULL  ~------------------------

[[diagram-flow chart]]

BEFORE SHUTDOWN
1. FLAPS - UP
2. RADIOS/NAV - OFF
3. LIGHTS - OFF
4. BOOST PUMP - OFF
5. MIXTURE - IDLE CUTOFF
6. MAGNETOS - OFF
7. MASTER - OFF
----------------
8. CABIN VENTS - CL

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WARRIOR

STARTING ENGINES
1. MIXTURE-RICH
2. CARB HT-COLD
3. MASTER-ON
4. BOOST PUMP-ON
[[CHECK]] FUEL P. TK 55L
5. PRIME
6. THROTTLE-1/4 "
7. IGNITION-START (PRESS IN)

BEFORE TAXI
1. FLAPS-UP
2. RADIOS/NAV-SET
3. BEACON-ON
4. PARKING BRAKE-OFF

GROUND CHECK
1. FLT CNTRL
2. TRIM
3. GYRO + ALT
4. THROTTLE: 2000 RPM
5. BOOST PUMP (OFF/ ON)
6. DOOR-LATCH

IN-FLIGHT
1. FUEL TK 5EL
2. BOOST PUMP-OFF
3. MIXTURE-LEAN

DESCENT
1. BOOST PUMP-ON
2. FUEL TK-56L
3. MIXTURE-RICH

BEFORE SHUTDOWN
1. FLAPS-UP
2. RADIOS/NAV-OFF
3. LIGHTS-OFF
4. BOOST PUMP-OFF
5. MIXTURE-IDLE/CUT-OFF
6. MAGNETOS-OFF
7. MASTER-OFF

FUEL-80 (1100 LL O.K.)
OIL-(6,7,6) 50W DET
SPEEDS: T/O-60
(MPH) CL-87/100
APP-80
[[FLOW CHART]]
AIR START

Glide - 85 mph
Fuel Tank selection
Fuel Pump - ON
Mixture - RICH
Carb Hear - ON
Primer - locked

EMERG LANDING

Glide - 76 mph
Flaps - FULL
Prior to touchdown
Ignition - OFF
Master Sw - OFF
Fuel Selector - OFF
Mixture - Cut-off
Seat Belt

FIRE

Electrical
Master Sw - OFF
Vents - OPEN
Cabin Heat - OFF
Land - ASAP

Engine
Fuel Selector - OFF
Throttle - CLOSE
Mixture - Cut-off
Cabin Heat - OFF
Land - ASAP

Ground
During Start:
Mixure - Cut-off
Throttle - OPEN
Turn engine
After Start:
Continue to turn for 5 secs.
No joy:
Fuel Selecter - Off
Mixture - Cut-off
Apply Extinguisher
CESSNA 150

STARTING ENGINES
1. MIXTURE-RICH
2. CARB HT-COLD
3. MASTER-ON
4. PRIME
5. THROTTLE-1/4"
6. IGNITION-START

BEFORE TAXI
1. FLAPS-UP
2. RADIOS/NAV-SET
3. BEACON-ON

IN-FLIGHT
1. MIXTURE-LEAN

DESCENT
1. CARB HT-HOT
2. MIXTURE-RICH

BEFORE SHUTDOWN
1. FLAPS-UP
2. RADIOS/NAV-OFF
3. LIGHTS-OFF
4. MIXTURE-IDLE/CUT-OFF
5. MAGNETOS-OFF
6. MASTER-OFF

GROUND CHECK
1. FLT CNTLS
2. TRIM
3. GYRO + ALT
4. THROTTLES-1700 RPM
5. DOORS-CL
6. MAGNETOS
7. CARB HT
8. SUCTION

[[FLOW CHART]]
WIND: T 53  280
     X 5
0/B
COMP
C/W COMP

TAIL/HEAD COMP CORR TO O/B LEG
25  3
50  6
75  9
100  12
1W
C/W COMP  Y
25  3
50  6  HDG =
75  9
100  12

chase at B:
Wind Comp 2:30  3:30  4:30
20  3  4  5
40  6  8  10
60  9  12  15
80  12  16  20
100  15  20  25

Rwy 15 (105)  Rwy 33 (085 HD

H T   H T

(Punch Clock @ IP)

at A: orb t 8 I.P.
-3 min  1:30
+ 2.45
+/- wind  40
O/B leg time
Y=

Chase at B:
ORB t to IP
O/B LEG: -1:30
+
+/- wind
=O/B leg time
HI ALT CONFIG PROCEDUR
FLAPS-45%
ENG ANTI-ICE-ON
POWER-90%
GEAR-DOWN
POWER-IDLE
S/B-SET
ENG ANTI-ICE-OFF

PRE L/D CHECK
AUX FLAP-EMER
GEAR DOORS - CLOSED
POSITION LITES-OFF

L/D CONFIG
FLAPS-45%
GEAR-DOWN
POWER-IDLE
S/B-SET

(0600) L-51 MAN-UP
(L-30 = T-20)
( 25)L-25 (T-15) START ENG
( 31)L-19 (T-9 HOLD: 65' MAX)
( 40)L-10 (WX CHECK)
( 41)L-9 (out of hold) CHASE 1
( 45)L-5 (POTENTIAL 55' HOLD)
CHASE 2 T/O

(48) 5 MIN HOLD POTENTIAL
(50) 2 MIN HOLD POTENTIAL
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