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*Smithsonian National Air and Space Museum Archives*

### Sally K. Ride Papers - Aircraft Flight Crew Checklist

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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

TIGER

FUEL - 100LL (BLUE)  
OIL - (8,7,6)  
SPEEDS: T/O - 60  
(KIAS) CL - 70/90  
APP - 70

### 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

### GROUND CHECK

1. FLT CNTLS
2. TRIM
3. GYRO & ALT
4. THROTTLES - 1000 RPM  
MAGNETOS (CLTS)  
CARB HT  
SUCTION
5. BOOST PUMP (OFF/ON)
6. CANOPY - LATCH

### 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

GROUND CHECK

1. FLT CNTLS
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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