



## Smithsonian Institution

*Smithsonian National Air and Space Museum Archives*

### Vietnam Flight Check List Notebook

Extracted on Apr-18-2024 03:29:12

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NAME | LOCATION | MEANING WHEN ILLUMINATED | ACTION TO BE TAKEN

#1 NOSE TRANS OIL HOT | Caution Panel | No. 1 nose gear box oil temperature above 121°C | Check No. 1 NOSE TRANS OIL PRESS caution light and No. 1 nose gear box oil temperature gage

#2 NOSE TRANS OIL HOT | Caution Panel | No. 2 nose gear box oil temperature above 121°C | Check No. 2 TRANS OIL PRESS caution light and No. 2 nose gear box oil temperature gage

TRANS OIL PRESS | Caution panel | Main gear box pressure below 13 psi | Check TRANS OIL HOT caution light, and main gear box oil pressure and temperature gages

TRANS OIL HOT | Caution panel | Main gear box oil temperature above 121°C | Check TRANS OIL PRESS caution light, and main gear box oil pressure and temperature gages

1ST STG SERVO PRESS | Caution panel | 1st stage flight control system hydraulic pressure below 2000 psi | Check 1st stage flight control system pressure gage, if pressure low, turn off 1st stage flight control system

2ND STG SERVO PRESS | Caution panel | 2nd stage flight control system hydraulic pressure below 2000 psi | Check 2nd stage flight control system pressure gage, if pressure low, turn off 2nd stage flight control system

IFF | Caution panel | When operating in NODE 4, system has malfunctioned or being interrogated and no reply being made | Make reply or determine malfunction.

2ND STG TAIL ROTOR SERVO | Caution panel | Utility hydraulic pressure to tail rotor servo below 1000 psi | Check utility hydraulic system pressure gage. If low, monitor 1st stage flight control system hydraulic pressure gage

UTILITY HYD FLUID HOT | Caution panel | Utility hydraulic oil temperature above 135°C | Check utility hydraulic system oil pressure gage. If low, land as soon as practical

Landing Gear Warning Light | Landing gear control handle | Landing gear in transient or not locked up or down | Cycle landing gear and check position indicators. Use emergency system if landing gear not locked down

NAME	LOCATION	MEANING WHEN ILLUMINATED	ACTION TO BE TAKEN
#1 NOSE TRANS OIL HOT	Caution panel	No. 1 nose gear box oil temperature above 121°C	Check No. 1 NOSE TRANS OIL PRESS caution light and No. 1 nose gear box oil temperature gage
#2 NOSE TRANS OIL HOT	Caution panel	No. 2 nose gear box oil temperature above 121°C	Check No. 2 TRANS OIL PRESS caution light and No. 2 nose gear box oil temperature gage
TRANS OIL PRESS	Caution panel	Main gear box oil pressure below 13 psi	Check TRANS OIL HOT caution light, and main gear box oil pressure and temperature gages
TRANS OIL HOT	Caution panel	Main gear box oil temperature above 121°C	Check TRANS OIL PRESS caution light, and main gear box oil pressure and temperature gages
1ST STG SERVO PRESS	Caution panel	1st stage flight control system hydraulic pressure below 2000 psi	Check 1st stage flight control system pressure gage, if pressure low, turn off 1st stage flight control system
2ND STG SERVO PRESS	Caution panel	2nd stage flight control system hydraulic pressure below 2000 psi	Check 2nd stage flight control system pressure gage, if pressure low, turn off 2nd stage flight control system
IFF	Caution panel	When operating in MODE 4, system has malfunctioned or being interrogated and no reply being made	Make reply or determine malfunction.
2ND STG TAIL ROTOR SERVO	Caution panel	Utility hydraulic pressure to tail rotor servo below 1000 psi	Check utility hydraulic system pressure gage. If low, monitor 1st stage flight control system hydraulic pressure gage
UTILITY HYD FLUID HOT	Caution panel	Utility hydraulic oil temperature above 135°C	Check utility hydraulic system oil pressure gage. If low, land as soon as practical
Landing Gear Warning Light	Landing gear control handle	Landing gear in transient or not locked up or down	Cycle landing gear and check position indicators. Use emergency system if landing gear not locked down

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