

1. Air Data System (T7A only).

- a. Rate of change of airspeed is not to be in excess of 300 knots/min.
- b. Should continuous rotation of the height display occur when the power is set to 'ON', switch off immediately and investigate the cause of defect.
- c. During checks of the pitot/static system on no account is the power to be set to 'OFF'.
- d. When check calibrating in situ, great care is to be taken when operating the control valves of either the Mks 3 or 4 pitot/static test sets, otherwise damage to the transducers will result.
- e. Any adjustment to the height display zero adjuster is to be followed by a check calibration of the system (In situ).
- f. Positive static pressures in excess of 1050 millibars are not to be applied to the system.
- g. Negative static pressures in excess of 28 millibars (8000 ft) are not to be applied to the system.
- h. Static pressures are not to be changed at rates in excess of 1500 ft/min.
- j. At no time is the differential pressure between the pitot/static pipelines to be greater than 1240 millibars (750 knots).
- k. Derangement of the P-S transducer will result if the pitot pressure is allowed to fall below the static pressure by 30 millibars.

1. If during height checks of the system, hunting is experienced, then a constant airspeed of 80 to 100 knots is to be applied to the P-S transducer, during the checks.

m. If the Air Data System is incomplete in the aircraft at any time during servicing, then the plug to A.D.I. on the air data computer is to be disconnected until the system is complete.

2. Master Reference Gyro. Whenever the M.R.G. is switched off a period of at least 2 minutes is to elapse before switching on.

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