

ALERT SERVICE BULLETIN

FROM PRODUCT SUPPORT DEPARTMENT GOVERNMENT AIRCRAFT FACTORIES
MELBOURNE

SUBJECT NOSE LANDING GEAR - RETRACTION SYSTEM. CHECK OF TENSION OF CHAINS IN
SYSTEM.

EFFECTIVITY NOMAD N22 AIRCRAFT.
SERIAL NOS. N22-1, N22-2, N22-3, N22-4, N22-5, N22-6, N22B-15.
FACTORY ACTION COVERS ALL OTHER AIRCRAFT.

REASON AN INCIDENT HAS OCCURRED WITH ONE NOMAD AIRCRAFT WHEREBY NOSE GEAR
ACTUATOR CHAIN PART NUMBER 1/N-40-800 JUMPED SPROCKET PART NUMBER 1/N-40-726
DURING GEAR DOWN OPERATION. THE MAIN UNDERCARRIAGE WHEELS CONTINUED TO EXTEND
AND LOCKED DOWN, LEAVING THE NOSEWHEEL ONLY PARTIALLY EXTENDED.

DESCRIPTION THIS SERVICE BULLETIN REQUESTS THE CHECK OF THE THREE CHAINS
IN THE NOSE GEAR RETRACTION SYSTEM FOR CORRECT TENSION.

COMPLIANCE AT EARLIEST OPPORTUNITY.

MANPOWER APPROXIMATELY 2 MANHOURS ARE REQUIRED TO CARRY OUT THIS TASK.

KIT COSTS NOT APPLICABLE.

WEIGHT AND BALANCE NOT AFFECTED.

PUBLICATIONS AFFECTED NIL.

REFERENCES NOMAD MAINTENANCE MANUAL.

8 October 1975.

S/B N22-32-3
Page 1 of 2

*Nomad***ALERT SERVICE BULLETIN**ACCOMPLISHMENT INSTRUCTIONS

1. ENSURE THAT ELECTRICAL POWER, EXTERNAL AND INTERNAL IS DISCONNECTED ON AIRCRAFT AND TRIP UNDERCARRIAGE ACTUATOR CIRCUIT BREAKER IN COCKPIT ROOF PANEL.
2. ADJUST LONG HORIZONTAL CHAIN DRIVE (STA. 199.70 TO STA. 97.75). TENSION AS DEFINED IN MAINTENANCE MANUAL PARA. 32-30-12 PAGE 207.
3. ADJUST VERTICAL CHAIN DRIVE (STA. 97.75 W/L 47.66 TO W/L 62.35). TENSION AS DEFINED IN MAINTENANCE MANUAL PARA. 32-30-12 PAGE 208.
4. ADJUST NOSE GEAR ACTUATOR CHAIN DRIVE TENSION AS DEFINED IN MAINTENANCE MANUAL PARA. 32-30-13 PAGE 208.
5. RESTORE POWER TO AIRCRAFT.
6. CHECK OPERATION OF GEAR RETRACTION SYSTEM.

KIT OF MATERIAL NIL.

SPECIAL TOOLS NONE.

AUTHORISED BY GOVERNMENT AIRCRAFT FACTORIES. POST DESIGN SERVICES GROUP.