

OCCURRENCE REPORT: 67941

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FSIS 67941 16 MAY 1983 GROUND ACCIDENT

Status: supplemental sent

ED 537 16/MAY/1983 19:00

Unclassified

1. Injury Level: Nil - No Injury
2. Aircraft/Operated By: CC130316
3. Aircraft Ownership: 435 SQN / 17 WING / 3435 /
4. A. Location: - EDMONTON -
4. B. Date/Time: 161500Z MAY 1983
4. C. Phase of Flight: MAINTENANCE - SERVICING (1ST LINE)
5. Damage Level: Serious - Major component / 3rd line maint

8. Description: NOSE WHEEL EXPLODED: THE NOSE LANDING GEAR WHEEL EXPLODED WHILE BEING SERVICED.

13. Flight/Ground Conditions: INSIDE HANGAR

17. Non Aircrew Pers Info: MAINTENANCE TECHNICIAN, Time on Duty Last 48 Hrs: 17 hrs, Day of occur: 4 hrs

18. Aircraft Maint Data: TSN Aircraft: CC130/316, 0 hrs, TSI: 300 hrs, TSO: hrs, CF349: , CF543: , Civilian Journey Log: , Inspection: #3 OR 4 PERIODIC OR "B"

22. A. Investigation: DURING THE RECHARGING OF THE LH NOSE WHEEL IT EXPLODED CAUSING EXTENSIVE DAMAGE TO THE NOSE LANDING GEAR AND IMMEDIATE AREA.

23. Cause Factors: PERSONNEL MANAGEMENT/NDHQ RESOURCES TIRE INFLATOR KIT # 85352/1 WHICH WAS SPECIFIED BY THE CFTO WAS NOT AVAILABLE.

PERSONNEL MANAGEMENT/UNIT RESOURCES THE UNIT HAD NO FORMAL OJT PROGRAM TO ENSURE THAT AIRFRAME TECHNICIANS RECEIVED PROPER TRAINING ON THE INFLATION PROCEDURES FOR CC130 TIRES OR IN THE USE OF THE AMSE NEEDED FOR THE TASK.

PERSONNEL SUPERVISION/UNIT INATTENTION THE SUPERVISOR INCORRECTLY ASSUMED THAT THE TECHNICIAN WAS AWARE OF THE CORRECT PRESSURE AND PROCEDURES USED TO INFLATE TIRES.

PERSONNEL SUPERVISION/UNIT INATTENTION SUPERVISORY STAFF AT UNIT LEVEL FAILED TO ENSURE THAT THE TECHNICIAN RECEIVED THE NECESSARY PRACTICAL KNOWLEDGE AND QUALIFICATIONS TO CARRY OUT THE CC130 TIRE INFLATION PROCEDURE.

PERSONNEL MAINTENANCE/CANADIAN FORCES INATTENTION THE TECHNICIAN INADVERTENTLY USED AN INFLATION PRESSURE GREATER THAN OUTLINED IN CFTO C-12-130-0A0/MF-000.

24. Preventive Measures: (SEE DETAILED DESCRIPTION) A FORMAL TRAINING PROGRAM HAS BEEN INITIATED TO TRAIN TECHS ON ALL AMSE ITEMS. DIRECTIVES HAVE BEEN ISSUED TO THE SUPERVISORY STAFF CONCERNING THE MONITORING OF TECHNICIANS WHEN OPERATING COMPLEX EQUIPMENT. TIRE INFLATION KIT NSN 6685-21-891-2847 IS NOW AVAILABLE IN CF SUPPLY SYSTEM. AIRCOM TO ADVISE ALL BASES OF AVAILABILITY AND UNITS ARE ENCOURGED TO USE THIS KIT.