

OCCURRENCE REPORT: 64067

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FSIS 64067 27 APR 1967 AIR ACCIDENT

Status: supplemental sent

Unclassified

1. Injury Level: Black - Fatal
2. Aircraft/Operated By: CC130309
3. Aircraft Ownership: 429 SQN / 2587 / 8 WG /
4. A. Location: Approx 2 miles NE of Trenton, Ontario
Latitude: N44-7
Longitude: W077-32

4. B. Date/Time: 270900Z APR 1967

4. C. Phase of Flight: IN-FLIGHT - CLIMB OUT

5. Damage Level: Destroyed / missing

6. Personnel Injured: , AIRCREW, Black - Fatal

, AIRCREW, Black - Fatal

, AIRCREW, Black - Fatal

, AIRCREW, Black - Fatal

, AIRCREW, Black - Fatal

, AIRCREW, Black - Fatal

7. Mission Type: OPERATIONAL TRAINING UNIT, OTU OR MTS

8. Description: AFTER TWENTY ONE T/O AND LANDINGS, THE AC WAS CLEARED FOR ANOTHER T/O AND TO OBSERVERS, THE T/O, CLIMBOUT AND ENTRY INTO THE LEFT-HAND CIRCUIT CLIMBING TURN APPEARED NORMAL.

16. Aircrew Information: ; Time on Duty Last 48 Hrs: hrs, Day of Occurrence: hrs; Flying Hours Last 48 hrs: hrs; Past 30 Days: hrs; Total on Type: hrs; Grand total: hrs.

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22. A. Investigation: EARLY IN THE TURN HOWEVER THE AC ENTERED A STEEP DESCENT FROM ABOUT 500 TO 700 FT AGL AND THEN WAS SEEN TO LEVEL OUT CLOSE TO ESTIMATED GROUND LEVEL AND EXPLODE SHORTLY THEREAFTER. ON SITE INVESTIGATION DISCLOSED THAT THE AC CONTACTED GROUPS OF HARDWOOD TREES AND BEGAN TO BREAK UP WHILE FLYING LEVEL OR SLIGHTLY NOSE-UP AT ABOUT 240K. GROUND CONTACT AND COMPLETE DISINTEGRATION OF THE AC QUICKLY FOLLOWED. THE LEFT YOKE TRIM SWITCH FAILED DUE TO MARGINAL DESIGN. IT EITHER STUCK OR SEIZED IN THE NOSE DOWN ATTITUDE. THE PILOT FAILED TO TAKE CORRECTIVE MEASURES TO COUNTERACT THE NOSE DOWN ATTITUDE CHANGE IN TIME TO EFFECT A SAFE RECOVERY.

23. Cause Factors: PERSONNEL PILOT (32A) JUDGEMENT
MATERIEL AIRFRAME DESIGN