

PILOT		OTHERS		AIRFRAME FAILURE				ENGINE FAILURE					
CAUSES OF ACCIDENTS													
UNIT 11 S.F.T.S. Yorkton, Sask.		COM. # 2		PLACE 1/8 mile S. of Peebles				DATE 10-1-43		TIME 1510			
A/C TYPE Crane IA		No. FJ272		CRASH CAT. A		SE ME DAY NIGHT X		H.Q. FILE 1300-FJ272-1					
NAME			RANK	No.	DUTY	INJURIES			SERIOUS				
Turnbull, J.O.			LAG	R147894	PP	Killed.			FATAL INJURY				
Campbell, A.R.			LAG	R59932	PP	Killed.			2.				
									CARD SERIAL No.				
									4				
TYPE A/F & ENGINE		No.	EXTENT OF DAMAGE	REPORT FORM	SERIAL No.	DATE	HOURS FLOWN BY PILOTS						
Crane IA FJ272		Total					INST.	NIGHT	ON TYPE		TOTAL		LAST 6 MOS.
									DUAL	SOLO	DUAL	SOLO	
Jacobs LAMB P12992 & S13652		Total											
SIGNAL No. & DATE		UNIT No. & DATE		COM. No. & DATE		REPORT		FILE		DATE			
A 12		11-1											
NATURE OF ACCIDENT													

TYPE OF A/C

TYPE OF ENGINE

CATEGORY

MISCELLANEOUS CAUSES

STAGE OF FLIGHT

PRIMARY
 UNDTD
 MISCEL.
 ENG. CONTRS.
 AIRSCREW A.
 ENG. STR.
 LUB'N SYS.
 IGNIT. SYS.
 COOL. SYS.
 FUEL SYS.
 PRIMARY
 UNDTD
 MISCEL.
 ENGINE MOUNT.
 ENG. OR HULL
 TAIL SKID OR W.
 FUSE. OR HULL
 LAND. GEAR
 FLOATS
 W. STRUTS
 STAR. SURFS.
 MOV. SURFS.
 FL. CONTRS.
 PRIMARY
 OTHERS
 FLT. CONTR.
 INSTRUCT.
 MISCEL.
 INEXP NCE
 NEG NCE
 DISOB.
 TECH.
 JU.

HAND Q.
 INSTS.
 WEATHER
 DRKNS.
 ALG SURF.
 OTHER
 UNDTD
 PRIMARY
 TAKING
 LANDING
 TAKE OFF
 FLIGHT
 STATRY
 FATAL
 INJ.
 3RD.

DUTY ON WHICH ENGAGED:

Navigation exercise.

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

Aircraft crashed and burned.
A-C made a slow roll to the left and continued to roll until it fell into a dive which continued to the ground.

PRIMARY CAUSE:

~~28. Structural failure.~~ (19)

~~Aerobatic manoeuvre executed at an excessive speed in a gusty wind at low altitude which caused undue stress on mainplane resulting in loss of fabric on top of stbd. wing. This resulted in loss of control causing a/c to crash.~~

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

~~A/C dove to the ground and burned.~~

39 Structural Failure (39)

COURT OF INQUIRY, INVESTIGATING OFFICER

OR COMMANDING OFFICER'S REPORT:

INVESTIGATING OFFICER'S REPORT.

DATE: 13 Jan./43 F.L. Marshall, C.C.W. (C1205)
COMPOSITION: of #10 SPTS, Dauphin.

100/AOC/AMS/CN

RECOMMENDATIONS:

Continual repetition of warnings to pupils concerning what happens to Crane a/c if unduly strained. That strict inspections be carried out on unmodified leading edge sections on all a/c for possible structural failures due to strains in the past.

(For complete details of recommendations See ACTION TAKEN: Summary #791)

(A) DISCIPLINARY (B) TECHNICAL (C) OTHER
The S.A.E.O. No. 2 T.C. has taken action to assure that modification E1/41/59 to Crane mainplanes will be completed as expeditiously as possible.

CONCLUSIONS

This accident was due to structural failure of the leading edge of the stbd mainplane following a dive and aerobatics carried out under adverse air conditions.

RECORDED BY _____ DATE _____

CHECKED BY _____ DATE _____