

ACCIDENT CLASSIFICATION

UNIT 34 E.F.T.S. Assiniboia	COM. 4	PLACE 4 miles W of Vantage	DATE 22-12-43	TIME 1430
A/C TYPE CORNELL II		NO. 10596	CRASH CAT. "D"1	H.Q. FILE 1100-105-96
		S.E. 2	M.E.	DAY X
				NIGHT

COMMAND  
MONTH  
STAGE OF FLIGHT

PERSONNEL	RANK	NUMBER	DUTY	INJURIES	SIGNAL	
Tattershaw, J.H.	SGT	1459359	P	Uninj.	No.	DATE
Blackmore, L.	LAC	1607585	PP	Uninj.	A.173	23-12
					D 14 (REVISED)	
					No.	CHECKED
					7	<input checked="" type="checkbox"/>
					#51	

ENGINE	ENGINE NUMBER (S)	HOURS FLOWN BY PILOTS					
		INST.	NIGHT	ON TYPE		TOTAL	
				SOLO	DUAL	SOLO	DUAL
Ranger 6-440-C.5	27845/10270 Nil	57	28	350	30	450	170
		5	1	19	25	25	37

TYPE OF A/C  
TYPE OF UNIT  
CATEGORY

7  
4  
2  
1  
7  
4  
2  
1  
FORCED LANDING  
TAXYING  
LANDING  
TAKE-OFF  
FLIGHT  
STATRY  
FATAL  
INJ.  
INJURY

ACCIDENT CLASSIFICATION

PURPOSE OF FLIGHT:

Dual instruction in I.F. Forced landing and aerobatics.

TECHNICAL OFFICER'S REPORT:

FB / 100 / 1 / 1 / 1 / 1 / 1

NATURE OF ACCIDENT:

Nil

COURT OF INQUIRY OR INVESTIGATING OFFICER'S REPORT:

FINDINGS:

SUMMARY No. 160

~~CONCLUSIONS: On evidence available, accident appears to be due to structural failure of centre section spar, very probably during recovery from spin while instrument flying. Possibility that initial failure of spars occurred at some previous time due to a heavy landing, with complete failure occurring during recovery from dive following spin cannot be dismissed. The whole matter of consideration of Cornell failure is being actively pursued by A.I.A.E. & A.I.B.~~

Forced landing, successfully carried out, necessitated by breakage of airscrew tips during pull-out from loop. Engine revs. built up to 2500, and as pilot throttled back, felt a slight jolt and engine started to vibrate. Throttled right back, diagnosed the trouble and carried out a forced landing.

CLASSIFICATION:

~~57. Miscellaneous.~~

17. Forced Landing 17

SECONDARY OR CONTRIBUTORY FACTORS:

24. Carelessness?

28. Structural failure.

ACTION TAKEN:

Nil

39. Structural Failure 39