

32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1						
JU.	TECH.	DISOB.	NEG. MCE	INEXP. NCE	MISCEL.	INSTRUCT.	FLT. CONTR.	OTHERS	PRIMARY	FL. CONTRS.	MOV. SURFS.	STAB. SURFS.	W. STRUTS	LAND. GEAR	FLOATS	FUSE OR HULL	TAIL SKID OR W.	ENGINE MOUNT.	MISCEL.	UND/TD	PRIMARY	FUEL SYS.	COOL. SYS.	IGNIT. SYS.	LUB'N SYS.	ENG. STR.	AIRCREW A.	ENG. CONTRS.	MISCEL.	UND/TD	PRIMARY						
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32								
PILOT		OTHERS		AIRFRAME FAILURE										ENGINE FAILURE																							
CAUSES OF ACCIDENTS																																					
UNIT		COM.		PLACE										DATE		TIME																					
3 S.F.T.S		# 4		Main Aerodrome Calgary										19-9-42		0840																					
Calgary, Alberta														H.Q. FILE		1100-81-30																					
A/C TYPE		No.		CRASH CAT.		SE		ME		DAY		NIGHT																									
Crane I		8130		C 3				x		x																											
NAME			RANK		No.		DUTY		INJURIES				SERIOUS																								
King, P.W.			LAC		R132418		PP		Uninjured.				FATAL INJURY																								
Mansell, G.F.			NZ		LAC 416133		PP		Uninjured.																												
Harris, T.P.			NZ		LAC 42400		PP		uninjured.																												
													CARD SERIAL NO.																								
													✓																								
TYPE A/F & ENGINE		No.		EXTENT OF DAMAGE		REPORT FORM		SERIAL No.		DATE		HOURS FLOWN BY PILOTS																									
Crane I		8130		Slightly.								INST. NIGHT		ON TYPE		TOTAL		LAST 6 MOS.																			
Jacobs IAMB		4807/21898 Nil.												DUAL SOLO		DUAL SOLO																					
		4804/21899																																			
SIGNAL No. & DATE				UNIT No. & DATE				COM. No. & DATE				REPORT		FILE		DATE																					
PHA 604 19-9																																					
NATURE OF ACCIDENT																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32						
HAND Q.		INSTS.		WEATHER		DRKNS.		ALG SURF.		OTHER		UND/TD		PRIMARY		TAXIING		LANDING		FLIGHT		FLIGHT		FATAL		INJ.		3RD.									
MISCELLANEOUS		CAUSES		STAGE OF FLIGHT		FLIGHT		INJURY																													



DUTY ON WHICH ENGAGED:

COURT OF INQUIRY, INVESTIGATING OFFICER

Split instrument flight.

OR COMMANDING OFFICER'S REPORT:

D-14

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

DATE:

COMPOSITION:

1-1-60 PM

Undercarriage failed to lower electrically due to battery failure and mechanically due to shearing of hand crank shaft.

RECOMMENDATIONS:

All three occupants of the A/C claim that the handle turned free from the first and at no time required a strong turn. Subject to the pilot's claim being correct it would appear that the tube had failed previous to the accident and it is recommended that this component be inspected on all Cranes and a heavier tubing or shaft be incorporated if found necessary.

PRIMARY CAUSE:

~~Pilot was unable to lower the wheels electrically due to battery failure and mechanically due to the shearing of the hand crank shaft.~~

ACTION TAKEN:

(A) DISCIPLINARY (B) TECHNICAL (C) OTHER

UIC Failure

5

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

~~A/C crash landed.~~

UIC Defect

35

RECORDED BY

DATE

CHECKED BY

DATE