

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																														
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																														
TECH.		DISOB.		NEG-NCE		INEXP-NCE		MISCEL.		INSTRUCT.		FLT. CONTR.		OTHERS		PRIMARY		FL. CONTS.		MOV. SURFS.		STAB. SURFS.		W. STRUTS		LAND. GEAR		FLOATS		FUSE OR HULL		TAIL SKID OR W.		ENGINE MOUNT.		MISCEL.		UNDTD		PRIMARY		FUEL SYS.		COOL SYS.		IGNIT. SYS.		LUB'N SYS.		ENG. STR.		AIRSCREW A.		ENG. CONTS.		MISCEL.		UNDTD		PRIMARY	
PILOT		OTHERS		AIRFRAME FAILURE										ENGINE FAILURE																																															
CAUSES OF ACCIDENTS																																																													
UNIT # 31 S.F.T.S.				COM.		PLACE 1 Mile north of north boundary of aerodrome				DATE 13-4-41		TIME 02:40																																																	
Kingston, Ont				1						H.Q. FILE 1300-R7461-1																																																			
A/C TYPE Battle R7461				No. R7461		CRASH CAT. A		SE X		ME		DAY		NIGHT X																																															
NAME				RANK		No.		DUTY		INJURIES				SERIOUS																																															
Tinne J.A.				F/L		37135				Slightly Injured.				FATAL		INJURY																																													
Reardon J.A.				LAC		1100823				Killed				1		1																																													
														CARD SERIAL No.																																															
TYPE A/F & ENGINE		No.		EXTENT OF DAMAGE		REPORT FORM		SERIAL No.		DATE		HOURS FLOWN BY PILOTS																																																	
Battle R7461		R7461		Total		R170						INST.		NIGHT		ON TYPE		TOTAL		LAST 6 MOS.																																									
Merlin 609/117480		Total		R170								14		30		56		1011		134																																									
												4		47		90		90																																											
SIGNAL No. & DATE				UNIT No. & DATE				COM. No. & DATE				REPORT				FILE				DATE																																									
13-4-41				T132 13-4-41																																																									
NATURE OF ACCIDENT																																																													

MISCELLANEOUS
 CAUSES
 STAGE OF FLIGHT
 HAND-O.
 INSTS.
 WEATHER
 DRKNS.
 ALG SURF.
 OTHER
 UNDTD
 PRIMARY
 TAXING
 LANDING
 TAKE-OFF
 FLIGHT
 STAFFRY
 FATAL
 INJ.

DUTY ON WHICH ENGAGED:

Night Flying Dual Instruction.

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

Aircraft landed about one mile short of flare path struck tree and was burned out.

PRIMARY CAUSE:

FAILURE OF MERLIN ENGINE DUE TO EXPLOSION IN INDUCTION MANIFOLD OCCASIONED BY FAULTY FLAME TRAPS, WHICH CAUSED ENGINE TO CATCH FIRE IN THE AIR.

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

AIRCRAFT UNDERSHOT, HAVING INSUFFICIENT HEIGHT TO REACH AERODROME, AND IN DOING SO, THE STARBOARD WING WAS TAKEN OFF ON IMPACT WITH TREE, AND AIRCRAFT DESTROYED.

COURT OF INQUIRY, INVESTIGATING OFFICER

OR COMMANDING OFFICER'S REPORT:

PRECIS ON ACCIDENT.

DATE:

COMPOSITION:

LFM/AOP/ES/FT/M/L/RE/GW

RECOMMENDATIONS:

- (A) THAT THE FLAME TRAPS INSTALLED IN ALL MERLIN ENGINES BE EXAMINED FORTHWITH.
 - (B) THAT THE ALLOCATION OF AIRCRAFT BE BROUGHT UP TO ESTABLISHMENT TO ALLOW FOR SUCH EXAMINATION.
- THE AIR OFFICER COMMANDING DOES NOT CONCUR IN THE FINDINGS

ACTION TAKEN:

AND RECOMMENDATIONS OF THE COURT.

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

RECORDED BY _____

DATE _____

CHECKED BY _____

DATE _____