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CASPIR Aircraft Accident Cards

Serial: 10018

Title: Bristol Bolingbroke Mk. IVT serial:10018 Accident Card

Author: Royal Canadian Air Force (RCAF)

Subject: This accident involved 1 aircraft on 1943-June-03. Bolingbroke IVT s/n 10018. This accident involved 4 people. Morley J, Higgins LA, Johnston JA, Stephens W

Keywords: RCAFBolingbroke IVT,10018,4 BGS,4 Bomb & Gunnery School,Aerodrome,1943-June-03,Higgins,Johnston,Morley,StephensRCAF L20

Created: 1943-06-03

Link: https://caspir.warplane.com/aircraft/serial-search/aircraft-no/200000258#10018

ACCIDENT CLASSIFICATION

UNIT	COM.	PLACE	DATE	TIME
No. 4 B.&.G.S. Fingal, Ont.	# 1	M.A.	3-6-43	1400

H.Q. FILE 1100-100-18

A/C TYPE	No.	CRASH CAT.	S.E.	M.E.	DAY	NIGHT
Bolingbroke IV-T	10018	A		x	x	

PERSONNEL	RANK	NUMBER	DUTY	INJURIES
Johnston, J.A.	F/S	R68756	P	Nil
Stephens, W.	LAC	R170845	AB	Slight
Morley, J.	LAC	R164502	AB	Slight
Higgins, L.A.	LAC	R154170	AB	Slight

SIGNAL

NO.	DATE
A 50	3-6

D 14 (REVISED)

NO.	CHECKED
1	

No. 2

ENGINE	ENGINE NUMBER (S)
Mercury XV	A238857/S57155 A238717/S57015

HOURS FLOWN BY PILOTS

INST.	NIGHT	ON TYPE		TOTAL	
		SOLO	DUAL	SOLO	DUAL
58	175	111	2	690	122

TYPE OF A/C

TYPE OF UNIT

CATEGORY

COMMAND

MONTH

STAGE OF FLIGHT

FORCED LANDING
TAXYING
LANDING
TAKE-OFF
FLIGHT
STAT'RY

INJURY
FATAL
INJ.
3RD
S

ACCIDENT CLASSIFICATION

PURPOSE OF FLIGHT:

Routine gunnery exercise.

NATURE OF ACCIDENT:

On landing approach without aileron control port wing dropped close to ground - could not recover - A/C struck ground, slewed to left and caught fire.

CLASSIFICATION:

~~28. Structural failure.~~

HEAVY

SECONDARY OR CONTRIBUTORY FACTORS:

~~42. Fire after landing.~~

STRUCTURAL FAILURE

TECHNICAL OFFICER'S REPORT:

Failure of tube assembly part no.52417 at socket end fitting where it joins idle lever part no.52418. Definite weakness at this point as sockets are undercut between the thread and shouldered end. Sockets examined all show rough machining with deep scratches.

COURT OF INQUIRY OR INVESTIGATING OFFICER'S REPORT:

FINDINGS: SUMMARY No. 85:

The wreck was lying in the rough alongside the runway and the a/c had landed with the u/c unlocked the port leg being broken off on impact with the ground. Examination of part #52417 tube assembly which was seriously overheated by fire indicates that the failure was probably due to fatigue in a poorly designed joint. The accident was due to the pilot's loss of aileron control due to failure of a joint in the system. This joint was poorly designed and failed through fatigue.

ACTION TAKEN:

All Bolingbrokes being examined for possible fracture at this point on Tube Assemblies port and stbd. Port No's 52417 Part No.49050 Tube Assembly Rod No.5.

R. C. A. F. L 20 (REVISED)
7M-4-43 (3202) K. P. 5051
H. Q. 885-L 20

C. C. LTD. 7084-43