

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	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
<table border="1"> <tr> <td colspan="16">PILOT</td> <td colspan="16">OTHERS</td> <td colspan="16">AIRFRAME FAILURE</td> <td colspan="16">ENGINE FAILURE</td> </tr> <tr> <td colspan="32">CAUSES OF ACCIDENTS</td> </tr> <tr> <td colspan="8">UNIT # 1 E.F.T.S. Malton Ontario</td> <td colspan="4">COM. 1</td> <td colspan="8">PLACE 2 Miles north of Branpton Ontario</td> <td colspan="4">DATE 17-9-41</td> <td colspan="4">TIME 09:30</td> <td colspan="8">H.Q. FILE 1100-43-85</td> </tr> <tr> <td colspan="8">A/C TYPE Tiger Moth</td> <td colspan="4">No. 4385</td> <td colspan="4">CRASH CAT. C-1</td> <td colspan="2">SE x</td> <td colspan="2">ME</td> <td colspan="2">DAY x</td> <td colspan="2">NIGHT</td> <td colspan="16">MISCELLANEOUS CAUSES</td> </tr> <tr> <td colspan="8">NAME</td> <td colspan="4">RANK</td> <td colspan="4">No.</td> <td colspan="4">DUTY</td> <td colspan="8">INJURIES</td> <td colspan="8">SERIOUS</td> </tr> <tr> <td colspan="8">Stewart J.S.</td> <td colspan="4">LAC R87177</td> <td colspan="4">P</td> <td colspan="8">Uninjured.</td> <td colspan="4">FATAL</td> <td colspan="4">INJURY</td> </tr> <tr> <td colspan="16">TYPE A/F & ENGINE</td> <td colspan="4">No.</td> <td colspan="4">EXTENT OF DAMAGE</td> <td colspan="4">REPORT FORM</td> <td colspan="4">SERIAL No.</td> <td colspan="4">DATE</td> <td colspan="16">HOURS FLOWN BY PILOTS</td> </tr> <tr> <td colspan="8">Moth</td> <td colspan="4">4385</td> <td colspan="4">SLIGHT</td> <td colspan="4"></td> <td colspan="4"></td> <td colspan="2">INST</td> <td colspan="2">NIGHT</td> <td colspan="4">ON TYPE</td> <td colspan="4">TOTAL</td> <td colspan="4">LAST 6 MOS.</td> </tr> <tr> <td colspan="8">Major</td> <td colspan="4">7385</td> <td colspan="4">NIL</td> <td colspan="4"></td> <td colspan="4"></td> <td colspan="2">-</td> <td colspan="2">-</td> <td colspan="2">20</td> <td colspan="2">15</td> <td colspan="2">20</td> <td colspan="2">15</td> <td colspan="4"></td> </tr> <tr> <td colspan="8">SIGNAL No. & DATE</td> <td colspan="4">UNIT No & DATE</td> <td colspan="4">COM. No & DATE</td> <td colspan="4">REPORT</td> <td colspan="4">FILE</td> <td colspan="4">DATE</td> <td colspan="16">STAGE OF FLIGHT</td> </tr> <tr> <td colspan="8"></td> <td colspan="4">A 47</td> <td colspan="4">17-9-41</td> <td colspan="4"></td> <td colspan="4"></td> <td colspan="4"></td> <td colspan="4"></td> <td colspan="16">MISCELLANEOUS CAUSES</td> </tr> <tr> <td colspan="32">NATURE OF ACCIDENT</td> </tr> </table>																																PILOT																OTHERS																AIRFRAME FAILURE																ENGINE FAILURE																CAUSES OF ACCIDENTS																																UNIT # 1 E.F.T.S. Malton Ontario								COM. 1				PLACE 2 Miles north of Branpton Ontario								DATE 17-9-41				TIME 09:30				H.Q. FILE 1100-43-85								A/C TYPE Tiger Moth								No. 4385				CRASH CAT. C-1				SE x		ME		DAY x		NIGHT		MISCELLANEOUS CAUSES																NAME								RANK				No.				DUTY				INJURIES								SERIOUS								Stewart J.S.								LAC R87177				P				Uninjured.								FATAL				INJURY				TYPE A/F & ENGINE																No.				EXTENT OF DAMAGE				REPORT FORM				SERIAL No.				DATE				HOURS FLOWN BY PILOTS																Moth								4385				SLIGHT												INST		NIGHT		ON TYPE				TOTAL				LAST 6 MOS.				Major								7385				NIL												-		-		20		15		20		15						SIGNAL No. & DATE								UNIT No & DATE				COM. No & DATE				REPORT				FILE				DATE				STAGE OF FLIGHT																								A 47				17-9-41																				MISCELLANEOUS CAUSES																NATURE OF ACCIDENT																															
PILOT																OTHERS																AIRFRAME FAILURE																ENGINE FAILURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
CAUSES OF ACCIDENTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
UNIT # 1 E.F.T.S. Malton Ontario								COM. 1				PLACE 2 Miles north of Branpton Ontario								DATE 17-9-41				TIME 09:30				H.Q. FILE 1100-43-85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
A/C TYPE Tiger Moth								No. 4385				CRASH CAT. C-1				SE x		ME		DAY x		NIGHT		MISCELLANEOUS CAUSES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NAME								RANK				No.				DUTY				INJURIES								SERIOUS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Stewart J.S.								LAC R87177				P				Uninjured.								FATAL				INJURY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
TYPE A/F & ENGINE																No.				EXTENT OF DAMAGE				REPORT FORM				SERIAL No.				DATE				HOURS FLOWN BY PILOTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Moth								4385				SLIGHT												INST		NIGHT		ON TYPE				TOTAL				LAST 6 MOS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Major								7385				NIL												-		-		20		15		20		15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
SIGNAL No. & DATE								UNIT No & DATE				COM. No & DATE				REPORT				FILE				DATE				STAGE OF FLIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
								A 47				17-9-41																				MISCELLANEOUS CAUSES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
NATURE OF ACCIDENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
TYPE OF A/C																TYPE OF ENGINE																CATEGORY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
TECH.																DISOB.																NEG NCE																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.																AIRSCREW A.																ENG. CONTRS.																MISCEL.																																																																															
HAND Q.																INSTS.																WEATHER																DRKNS.																AL G SURF.																OTHER																UND/TD																PRIMARY																TAXIING																LANDING																TAKE OFF																FLIGHT																STATRY																FATAL																INJ.																3RD.																5 2																																																																																																																																																																																																																																																																															
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																															

DUTY ON WHICH ENGAGED:

**Practising sequences 8-10-12-15
16-17-22.**

NATURE OF ACCIDENT AND STAGE OF FLIGHT:

**Metal airscrew tip blew off
causing excessive vibration
necessitating a successful forced
landing.**

PRIMARY CAUSE:

**Rivets pulled out on leading edge
of metal airscrew tip allowing
it to fly off.**

SECONDARY CAUSE OR CONTRIBUTING FACTORS:

SUCCESSFUL FORCED LANDING

COURT OF INQUIRY, INVESTIGATING OFFICER

OR COMMANDING OFFICER'S REPORT:

R 170

DATE:

COMPOSITION:

SFC/...

RECOMMENDATIONS:

**FEWER RIVETS IN THE AIRSCREW TIP WOULD LEAVE THE WOOD STRONGER
AND SERVE THE SAME PURPOSE.**

ACTION TAKEN:

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

NIL

RECORDED BY

DATE

CHECKED BY

DATE