

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	TYPE OF A/C	UNIT No.4 W.S.F.S. Burtch Brantford	COM. # 1	PLACE 3 mi. S. of Airport.	DATE 12-7-43		TIME 1600		COMMAND	4	
					H.Q. FILE 1100-48-96		S.E. X	M.E.			DAY X
TYPE OF UNIT	A/C TYPE Menasco Moth II	NO. 4896	CRASH CAT. B	PERSONNEL	RANK	NUMBER			DUTY	INJURIES	
							ENGINE	ENGINE NUMBER(S) 18250/4177			SERIOUS
CATEGORY	Menasco D4	43	21	71	2	197			147	FLIGHT	
							ACCIDENT CLASSIFICATION	HOURS FLOWN BY PILOTS			SOLO
ACCIDENT CLASSIFICATION	1	FORCED LANDING	TAXYING	LANDING	TAKE-OFF	M			S	N	
							ACCIDENT CLASSIFICATION	1			FORCED LANDING

PURPOSE OF FLIGHT:

W/T Exercise

NATURE OF ACCIDENT:

Fairly loud report on port side of engine with cowling shaking. Revs dropped to between 600 and 700. Lost altitude and altho throttle was worked several times, forced landing necessary.

TECHNICAL OFFICER'S REPORT:

Broken exhaust valve #4 cylinder causing valve head to foul position at top dead centre position. Failure of valve probably caused by excessive head at takeoff boost and crystallization of valve stem.

FINDINGS:

*FAA/105/10/10*

SUMMARY No.

CLASSIFICATION:

~~54. Engine failure in the air.~~

*18. Forced Landing*

SECONDARY OR CONTRIBUTORY FACTORS:

~~3. Technical Defect~~

*26. Engine trouble  
accident*

ACTION TAKEN:

Nil