

WAR DEPARTMENT
U. S. ARMY AIR FORCES
REPORT OF AIRCRAFT ACCIDENT

050
15
7

(1) Place Freeman Army Air Field (2) Date 15 November 1943 (3) Time 0931Z
AIRCRAFT: (4) Type and model AT-10 BH (5) A. F. No. 41-27104 (6) Station Freeman Field
Organization: (7) AAFETC (8) 30th Wing (9) 1080th TEFTS
(Command and Air Force) (Group) (Squadron)

PERSONNEL

DUTY (10)	NAME (Last name first) (11)	RATING (12)	SERIAL NO. (13)	RANK (14)	PERSONNEL CLASS (15)	BRANCH (16)	AIR FORCE OR COMMAND (17)	RESULT TO PERSONNEL (18)	USE OF PARACHUTE (19)
32 SP	Lowe, M. H.		14147648	A/C	62	A.C.	AAFETC	None	No
33 SC	Malma, R. A.		14074669	A/C	62	A.C.	AAFETC	None	No



(20) Lowe (Last name) Malma (First name) H. JR. (Middle initial) (21) 14147648 (Serial number) (22) A/C (Rank) (23) 62 (Personnel class) (24) A.C. (Branch)
Assigned (25) AAFETC (Command and Air Force) (26) 30th Wing (Group) (27) 1080th TEFTS (Squadron) (28) Freeman Field (Station)
Attached for flying (29) AAFETC (Command and Air Force) (30) 30th Wing (Group) (31) 1080th TEFTS (Squadron) (32) Freeman Field (Station)
Original rating (33) S (Rating) (34) - (Date) Present rating (35) S (Rating) (36) - (Date) Instrument rating (37) - (Date)

First Pilot Hours:
(at the time of this accident)
(38) This type 25:15 (42) Instrument time last 6 months Not involved
(39) This model 25:15 (43) Instrument time last 30 days Not involved
(40) Last 90 days 64:25 (44) Night time last 6 months Not involved
(41) Total 101:10 (45) Night time last 30 days Not involved

AIRCRAFT DAMAGE

DAMAGE	(46) LIST OF DAMAGED PARTS
(46) Aircraft <u>Minor</u>	<u>See attached list.</u>
(47) Engine(s) <u>-</u>	
(48) Propeller(s) <u>M 4 M 4</u>	

(50) Weather at the time of accident Ceiling 4500, overcast, visibility 4 miles, light smoke, wind S, 9 miles per hour.
(51) Was the pilot flying on instruments at the time of accident No
(52) Cleared from Freeman Field (53) To Local (54) Kind of clearance Contact
(55) Pilot's mission Local Night Transition.
(56) Nature of accident Wheels up on landing roll.
(57) Cause of accident Unsatisfactory landing gear design.
(58) Has Form #54 been submitted? Yes.

554

DESCRIPTION OF ACCIDENT

(Brief narrative of accident. Include statement of responsibility and recommendations for action to prevent repetition)

A/C Lowe, M. H., Student Pilot, and A/C Helms, R. A., Student Co-pilot, were flying local night transition from Freeman Army Air Field in AT-10 type aircraft A.F. No. 41-27104. A normal traffic pattern was made, the wheels were let down and checked down. The pilot states that, on landing, the wheels immediately folded into the nacelles causing major damage to the propellers, pitot mast assembly and minor damage to lower engine nacelles.

A thorough investigation revealed the fact that the landing gear was down, that all normal checks had been made and that the wheels collapsed through no fault of the pilot.

It is the opinion of the Aircraft Accident Classification Committee that the landing gear of the AT-10 type aircraft is unsatisfactory in that some parts do not function normally at all times. A positive down lock has been approved by the Air Service Command and is being installed in all ships at this station to avoid a repetition of the above accident.

6 Incls:

- Incl #1 - Pilot Statement
- Incl #2 - Co-pilot Statement
- Incl #3 - Damaged Parts List
- Incl #4 - Form 1
- Incl #5 - Form 1A
- Incl #6 - Unsatisfactory Report Form # 54

554

Signature

Robert J. Du Chaine
(Investigating Officer)

ROBERT J. DU CHAINE,

Captain, Air Corps,

Aircraft Accident Officer.

Date 19 November 1943.