

AIRCRAFT ACCIDENT PACKAGE

MWA-FCT-0001

N508AJ, SR22

June 10, 2016, 2135 UTC

Destroy, December 10, 2018 UTC

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SECTION 2.
FAA Form 8020-6, Report of Aircraft Accident
and FAA Form 8020-6-1, Report of Aircraft Accident (Continuation Sheet)

FAA Form 8020-6, Report of Aircraft Accident

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		REPORT DATE July 13, 2016		REPORT NO. MWA-FCT-0001			
REPORT OF AIRCRAFT ACCIDENT		NAME OF REPORTING FACILITY Williamson County Regional Airport FCT (MWA)					
1. AIRCRAFT IDENTIFICATION AND TYPE N508AJ, SR22		2. DATE/TIME OF ACCIDENT (UTC) June 10, 2016, 2134 UTC		3. LOCATION OF ACCIDENT (MAND) Approach end RY 20, Williamson County Regional Airport, Marion, IL LATITUDE/LONGITUDE (OPTL)			
4. NATURE OF ACCIDENT Aircraft crashed under unknown circumstances			5. TYPE OF FLIGHT VFR				
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKN
	John Alleman	Pilot	Marion, IL			☒	
	Todd Greiner	Flight Instructor	Marion, IL		☒		
7. PASSENGER DATA		NUMBER ABOARD AIRCRAFT 0	NUMBER UNINJURED 0	NUMBER INJURED 0	NUMBER FATALITIES 0		
8. AIRCRAFT DAMAGE Destroyed			9. PROPERTY DAMAGE Unknown				
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Normal							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT Marion METAR - 102054 UTC: wind one seven zero at seven knots, visibility two zero statute miles, sky clear, temperature three two, dew point two zero, altimeter three zero zero three						
	FIRST REPORT SUBSEQUENT TO ACCIDENT Marion METAR - 102157 UTC: wind one seven zero at seven knots, visibility two zero statute miles, sky clear, temperature three two, dew point one nine, altimeter three zero zero two						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION	CHECK IF EYEWITNESS			
	Lee A. Doughty *(DY)	MWA FCT	LC/GC	☒			
				☐			
				☐			
				☐			
				☐			
				☐			
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Jeff W. McMillian							

FAA Form 8020-6 (12-14) Supersedes Previous Edition

Electronic Version

MWA-FCT-0001
N508AJ

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE July 13, 2016	REPORT NO. MWA-FCT-0001
	NAME OF REPORTING FACILITY Williamson County Regional Airport FCT (MWA)	
14. CHRONOLOGICAL SUMMARY OF FLIGHT June 10, 2016		
ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME UNLESS OTHERWISE SPECIFIED		
2100 The pilot of N508AJ contacted the MWA Local Controller (LC) for taxi instructions and stated he was going to stay in the pattern. The MWA LC issued N508AJ taxi instructions to Runway 20 along with the wind and altimeter information. 2101 The pilot of N508AJ requested a departure from the Charlie 3 intersection of Runway 20 and LC approved the request. 2103 The pilot of N508AJ advised LC that they were going to do a few touch and go's, then asked to climb to 3000 feet and do some engine outs. LC acknowledged. 2105 The pilot of N508AJ contacted LC and advised ready for takeoff. LC cleared N508AJ for takeoff Runway 20 with instructions to make left closed traffic and the pilot of N508AJ acknowledged. 2127 The pilot of N508AJ advised LC that he would like to climb to 3000 feet and report overhead to simulate an engine out. LC instructed N508AJ to report overhead and provided traffic on an inbound citation. The pilot of N508AJ acknowledged and requested to climb in the pattern. LC approved a left closed traffic Runway 20 climb. 2130 The pilot of N508AJ contacted LC and requested to commence his maneuver. LC approved the request and instructed the pilot of N508AJ to report turning base to final. The pilot of N508AJ repeated the instructions in acknowledgement. 2132 LC advised N508AJ there was no need to report and cleared the aircraft for the option. 2133 The pilot of N508AJ acknowledged the landing clearance. 2134 LC observed N508AJ pitch up and fall to the ground in the proximity of the final approach course for Runway 20. LC contacted emergency personnel via the crash phone.		
No More Follows		

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N508AJ

SECTION 3.
Review of Services Memo



MIDWEST
AIR TRAFFIC CONTROL

Memorandum

Date: June 13, 2016
To: Aircraft Accident File: MWA-FCT-0001
From: Williamson County Regional Airport FAA Contract Tower
Subject: **INFORMATION:** Review of Services Memo
Aircraft Accident; N508AJ
Marion, IL, June 10, 2016

MWA conducted a review of services concerning N508AJ and was determined to have pertinent services. As a holding facility with pertinent services, I certify that the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies of the original are on file in this office.

FAA Form 8020-6
FAA Form 8020-6-1
FAA Form 7230-4
Personnel Logs
FAA Form 7230-10
Facility Layout Chart
Airport Diagram
Certified Original Copy of Voice Recordings
Certified Working Copy of Voice Recordings
Transcriptions of Voice Recordings
Weather Products


Jeff W. McMillian
Air Traffic Manager
Williamson County Regional Airport FCT

MWA-FCT-0001
N908AJ

SECTION 4.
FAA Form 7230-4, Daily Record of Facility Operation

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 1
				DATE Jun 10, 2016
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY [REDACTED]
Marion, IL	MWA	ATCT	CIC	AIR TRAFFIC MANAGER Jeff Mcmillian
UTC TIME	REMARKS			
1145	J. BUCKLEW ON -- JB			
1200	TWR OPEN, WCLC, DALR RECORDING NORMALLY ON ALL POSITIONS AND FREQS, CFPL: NOTAMS FDC06/3605 MWA IAP VOR RWY20 AMDT 17C PROCEDURE NA UNTIL 12022133Z EST, 03/001 OBST CRANE (1800' E INT RWY 02/20 AND RWY 11/29) 150' AGL NOT LGTD FLAGGED, UNTIL 09301800Z. -- JB			
1231	EMERGENCY PHONE CHECK COMPLETE -- JB			
1600	NOTAM CHECK CMPLT -- JB			
1752	L. DOUGHTY ON, WCLC -- DY			
2000	NOTAM CHECK CMPLT -- DY			
2134	N508AJ CRASHED OFF THE APPROACH END RWY 20. FIRE STATION ADZD VIA CRASH PHONE. -- DY			
2202	NOTAM ISSUED TO MX/FSS, RWY 2/20 CLSD UNTIL 06112200Z. -- DY			
2350	NOTAM CHECK CMPLT -- DY			
2357	N53AE DEPARTED HEARTLAND SOUTH AND LANDED AT THE CRASH SITE. -- DY			
0000	COB. CLASS DELTA AIRSPACE TERMINIATED. CLASS ECHO AIRSPACE IN EFFECT. -- DY			
0015	L. DOUGHTY OFF -- DY			
I CERTIFY that entries above are correct, that all scheduled operations have been accomplished except as noted, and that all abnormal occurrences and conditions have been recorded. 				

FAA Form 7230-4

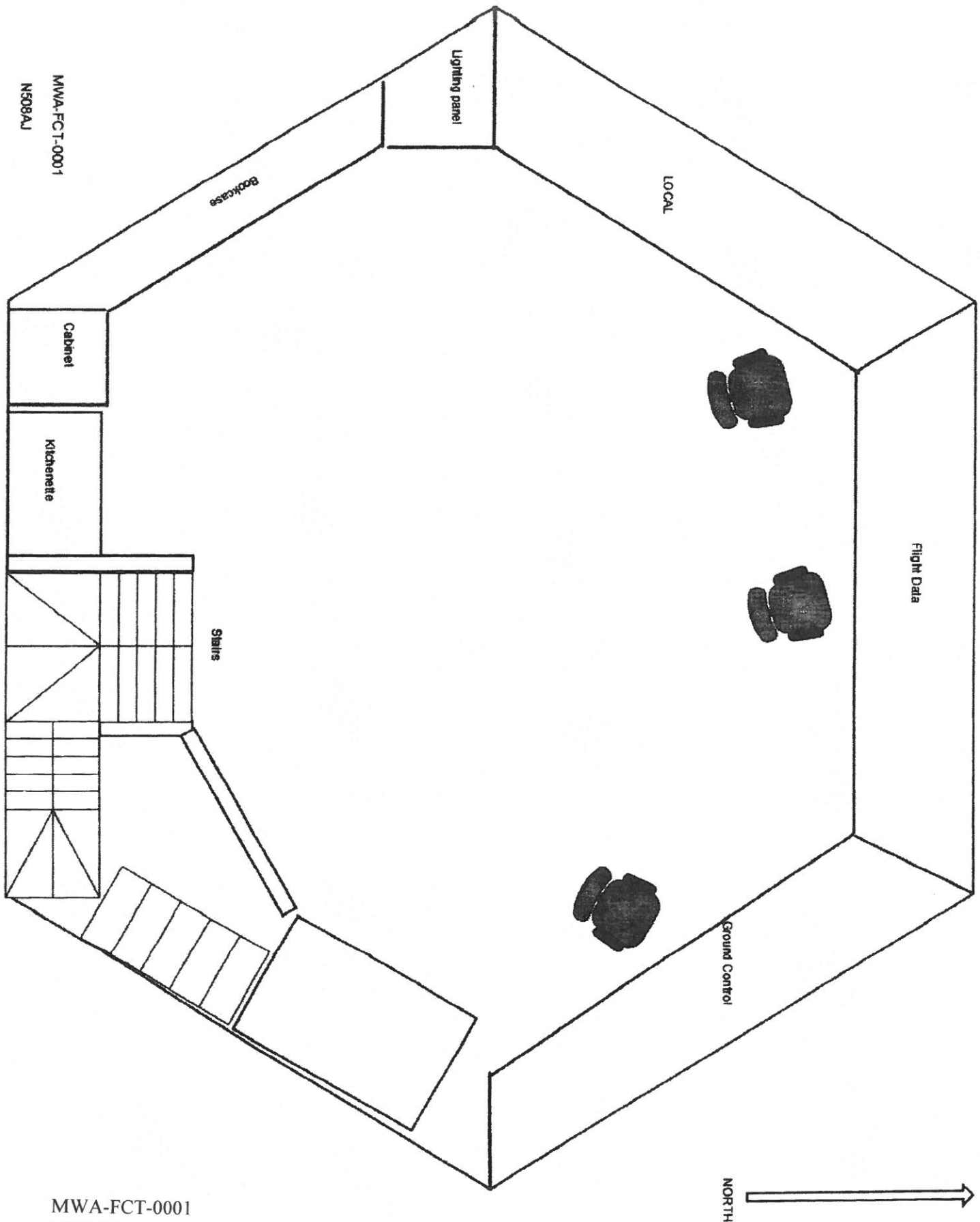
MWA-FCT-0001
N508AJ

SECTION 5.
Personnel Log

SECTION 6.
FAA Form 7230-10, Position Logs

SECTION 7.
Facility Layout Chart

Williamson County Airport FCT Layout

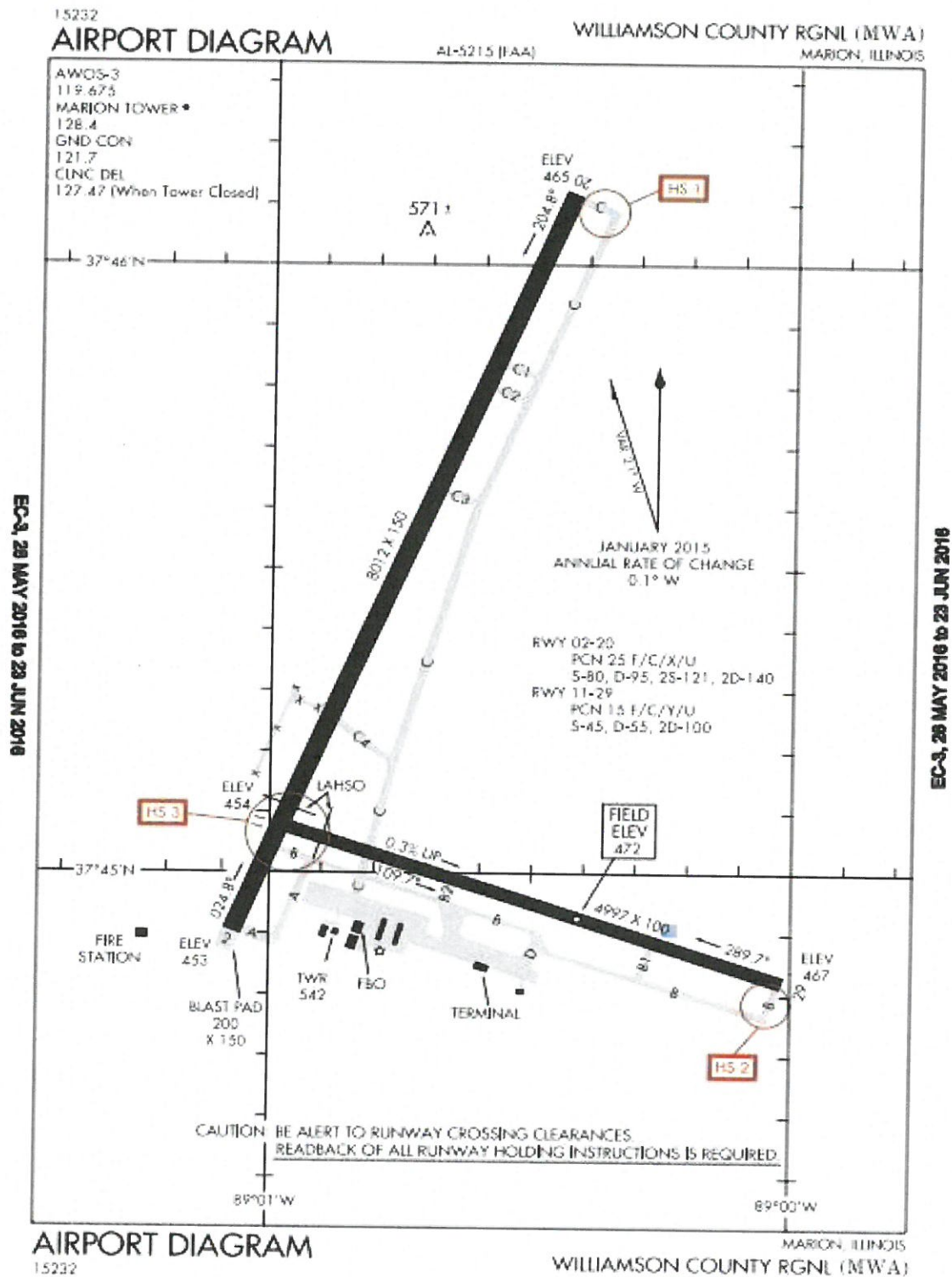


MWA-FCT-0001
N508AJ

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N508AJ

SECTION 8.
Airport Diagram

DIAGRAM NOT TO SCALE



SECTION 9.
Transcription of Voice Recordings



MIDWEST
AIR TRAFFIC CONTROL

Memorandum

Date: July 13, 2016
To: Aircraft Accident File: MWA-FCT-0001
From: Williamson County Regional Airport FAA Contract Tower
Subject: **INFORMATION:** Partial Transcript
Aircraft Accident; N508AJ
Marion, IL, June 10, 2016

This transcription covers the Williamson County Regional Airport FAA Contract Tower (FCT) Local Control (LC) position for the time period from June 10, 2016, 2029 UTC, to June 10, 2016, 2210 UTC.

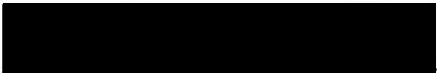
Agencies making transmission

N508AJ, SR22
Williamson County Regional Airport FCT, Local Control
N53AE, Bell 206
Unknown
Rescue 1

Abbreviations

N508AJ
LC
N53AE
UNK
R1

I certify that the following is a true transcription of the recorded conversations pertaining to the subject aircraft accident involving N508AJ.


Jeff W. McMillian
Air Traffic Manager
Williamson County Regional Airport FCT

2029
(2030-2058)

2059

2059:57 N508AJ ah marion ground cirrus five zero eight alpha juliet

2100:04 LC cirrus five zero eight alpha juliet marion ground

2100:07 N508AJ ah we're gonna ah we are ready to taxi we are going to be staying

		the ah pattern for closed traffic
2100:14	LC	cirrus eight alpha juliet wind two two zero at seven altimeter three zero zero three runway two zero taxi via charlie cross runway two nine
2100:25	N508AJ	ah charlie cross two nine out to two zero eight alpha juliet
2101		
2101:40	N508AJ	ah ground eight alpha juliet charlie ready for departure
2101:43	LC	cirrus eight alpha juliet intersection charlie three approved
2101:49	N508AJ	charlie three eight alpha juliet
2102		
2103		
2103:21	N508AJ	ground eight alpha juliet we're gonna do some ah we're gonna do a few touch and go's then i'm gonna ask a request to go up to about three thousand again do some engine outs like we did the other day
2103:31	LC	cirrus eight alpha juliet roger thanks for the heads up
2104		
2105		
2105:44	N508AJ	marion tower cirrus five zero eight alpha juliet charlie three runway two zero ready for takeoff
2105:49	LC	cirrus eight alpha juliet marion tower make left closed traffic runway two zero from charlie three cleared for take off
2105:56	N508AJ	ah cleared for takeoff two zero from charlie three left closed traffic eight alpha juliet
2106		
2107		
2107:01	LC	cirrus eight alpha juliet watch for the airvac helicopter inbound to heartland south from the east
2107:08	N508AJ	ah roger we'll be looking

2107:10	LC	copter five three alpha echo traffic a cirrus in left traffic runway two zero
2107:15	N53AE	five three alpha echo has him in sight
2107:17	LC	roger
2108		
2108:15	LC	cirrus eight alpha juliet runway two zero cleared touch and go
2108:20	N508AJ	cleared touch and go on two zero for eight alpha juliet
2108:32	N508AJ	tower eight alpha juliet request the option
2108:35	LC	cirrus eight alpha juliet runway two zero cleared for the option
2108:39	N508AJ	cleared for the option runway two zero eight alpha juliet
2109		
(2110-2111)		
2112		
2112:22	LC	cirrus eight alpha juliet runway two zero cleared for the option
2112:26	N508AJ	cleared for the option two zero eight alpha juliet
2113		
2113:15	UNK	(unintelligible)
2114		
2115		
2115:40	LC	cirrus eight alpha juliet runway two zero cleared for the option
2115:45	N508AJ	cleared for the option two zero for eight alpha juliet
2116		
(2117-2118)		
2119		
2119:02	LC	cirrus eight alpha juliet runway two zero cleared for the option

2119:06	N508AJ	cleared for the option for eight alpha juliet
2119:39	LC	cape air is due here in a half an hour and nine minutes after that i have a citation inbound from the north
2119:46	N808AJ	we'll be looking for that traffic eight alpha juliet
2120		
2121		
2122		
2122:31	LC	cirrus eight alpha juliet runway two zero cleared for the option
2122:34	N508AJ	cleared for the option two zero eight alpha juliet
2123		
2124		
2125		
2125:24	LC	cirrus eight alpha juliet runway two zero cleared for the option
2125:28	N508AJ	cleared for the option two zero for eight alpha juliet
2126		
2127		
2127:26	N508AJ	tower eight alpha juliet we'd like to climb up to three thousand will give ya a call when we're overhead like to simulate an engine out
2127:34	LC	eight alpha juliet roger report over overhead at three thousand keep in mind that citation coming
2127:40	N508AJ	will call a call and will be looking for the traffic eight alpha juliet
2127:54	N508AJ	tower eight alpha juliet we'd like to do our climb in the pattern
2127:58	LC	eight alpha juliet approved as requested ah left closed traffic two zero climb

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2128:03	N508AJ	eight alpha juliet
2129		
2130		
2130:40	N508AJ	tower eight alpha juliet three thousand we would like to commence the maneuver
2130:45	LC	eight alpha juliet proceed as requested report your turn ah base to final
2130:50	N508AJ	we're gonna commence the maneuver and we will report our final turn to two zero eight alpha juliet
2131		
2132		
2132:56	LC	and eight alpha juliet no need to report runway two zero cleared for the option
2133:01	N508AJ	cleared for the option two zero eight alpha juliet
2133:26	UNK	(unintelligible)
2134		
2135		
2135:03	R1	marion ground rescue one
2135:04	LC	and rescue one ah okay i need you to drive north on two two zero cross the threshold of one one drive to the north end
2135:12	R1	copy that
2136		
2137		
2137:18	LC	rescue one is it on this side of the fence i can't tell where it is
2137:23	R1	yeah we're out with them now will advise
2138		
2138:55	R1	marion ground rescue one
2138:57	LC	rescue one ground go ahead

2138:59	R1	be notified we're gonna be extricating victims from the crash we ah have requested two repeat two helicopters for air service
2139:06	LC	okay are there ah living victims
2139:10	R1	we're working just that we have established they are now at this point
2139:15 2140 (2141-2209) 2210	LC	okay very good

End of Transcript

SECTION 10.
FAA Form 8020-3, Facility Accident/Incident Notification Record

Aircraft Identification	N508AJ
Date	6/10/2016
Airport	MWA

[illegible]

Date:

FAA Form 8020-3 (Revised 08/05)

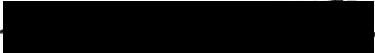
SECTION 11.
Weather Products

MWA Weather Observations

KMWA 102054Z 17007KT 20SM SKC 32/20 A3003

KMWA 102157Z 17007KT 20SM SKC 32/19 A3002

I certify that this is an accurate copy of the official weather observations originating from the Williamson County Regional Airport (MWA).


Jeff W. McMillian
Air Traffic Manager
Williamson County Regional Airport FCT

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N508AJ