

Factual Report – Attachment 2
Aircraft Accident Package

AIR TRAFFIC CONTROL

CEN19MA190



Federal Aviation Administration

Memorandum

Date: July 26, 2019

To: Christopher Southerland, Acting Director, Central Service Center

DANIEL J SCHMIDT
Digitally signed by
DANIEL J SCHMIDT
Date: 2019.07.26
12:27:52 -05'00'

From: Dan Schmidt, Manager, Addison Airport Traffic Control Tower

Subject: **INFORMATION:** Certification Statement
Aircraft Accident, N534FF
Addison, TX, June 30, 2019

I certify that aircraft accident package, 19-001-ADS, has been reviewed and is complete.

Copy

Aircraft Accident Package

19-001-ADS

N534FF, B350

June 30, 2019, 1410 UTC

Destroy: June 30, 2024 UTC

SECTION 1.
Table of Contents

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SECTION 2.
FAA Form 8020-6, Report of Aircraft Accident, and
FAA Form(s) 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 30, 2019	REPORT NO. 19-001-ADS				
REPORT OF AIRCRAFT ACCIDENT		NAME OF REPORTING FACILITY Addison ATCT (ADS)					
1. AIRCRAFT IDENTIFICATION AND TYPE N534FF, B350	2. DATE/TIME OF ACCIDENT (UTC) June 30, 2019; 1410 UTC	3. LOCATION OF ACCIDENT: CITY, STATE (MAND) Addison, TX					
4. NATURE OF ACCIDENT Aircraft crashed shortly after takeoff.		LATITUDE/LONGITUDE (OPL) N32 58 06.8000 W096 50 11.2000					
		5. TYPE OF FLIGHT IFR Flight Plan					
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	Unknown Unknown	Unknown	Unknown, Unk			X	
	Unknown Unknown	Unknown	Unknown, Unk			X	
7. PASSENGER DATA	NUMBER ABOARD AIRCRAFT 8	NUMBER UNINJURED 0	NUMBER INJURED 0	NUMBER FATALITIES 8			
8. AIRCRAFT DAMAGE Destroyed			9. PROPERTY DAMAGE Substantial Damage to a privately owned hanger and two aircraft; a Falcon 50 biz jet and a Bell 412 Jetranger helicopter that were parked in the hanger of impact.				
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Normal							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT DALLAS/ADDISON METAR - 1347 UTC: wind one zero zero at six, visibility one zero statute miles, one thousand four hundred scattered, temperature two four, dew point two zero, altimeter three zero zero six						
	FIRST REPORT SUBSEQUENT TO ACCIDENT DALLAS/ADDISON METAR - 1502 UTC: wind zero eight zero at three, visibility one zero statute miles, one thousand seven hundred scattered, temperature two six, dew point two one, altimeter three zero zero six						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION	CHECK IF EYEWITNESS			
	Brett Potter *(BP)	ADS ATCT	GC GC	X			
	Marko Dorsey (MD)	ADS ATCT	LCN LC	X			
* OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Dan Schmidt		DANIEL J SCHMIDT		Digitally signed by DANIEL J SCHMIDT Date: 2019.07.30 09:01:37 -05'00'			
FAA Form 8020-6 (4-17) Supersedes Previous Edition							Electronic Version

19-001-ADS

N534FF



**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**
REPORT OF AIRCRAFT ACCIDENT
(Continuation Sheet)

REPORT DATE

July 29, 2019

REPORT NO.

19-001-ADS

NAME OF REPORTING FACILITY

Addison ATCT (ADS)

14. CHRONOLOGICAL SUMMARY OF FLIGHT
June 30, 2019

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

- 1328 N534FF contacts ground control (GC) requesting IFR clearance.
- 1330 GC issues IFR clearance instructions to N534FF.
- 1405 N534FF contacts GC for taxi instructions with ATIS information mike. GC issues taxi instructions to N534FF to runway 15.
- 1408 GC asks N534FF if they will be ready to depart when reaching runway 15. N534FF advises they will be ready. N534FF advises local control (LC) ready for departure runway 15. LC advises N534FF awaiting IFR release from Dallas Fort Worth TRACON (D10).
- 1409 LC assigns heading zero five zero and clears N534FF for takeoff. N534FF departs runway 15 and when airborne begins a left turn.
- 1410 N534FF crashes into roof of a hangar building located east of taxiway alpha. LC advises all aircraft on frequency to standby.
- 1411 LC advises D10 to stop all traffic due to an accident at the airport.

No More Follows

FAA Form 8020-6-1

19-001-ADS

N534FF



**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**
REPORT OF AIRCRAFT ACCIDENT
(Continuation Sheet)

REPORT DATE
July 30, 2019

REPORT NO.
19-001-ADS

NAME OF REPORTING FACILITY
Dallas/Ft. Worth TRACON (D10)

14. CHRONOLOGICAL SUMMARY OF FLIGHT
June 30, 2019

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

0000 D10 did not provide any service to N534FF. RADAR data from 1338 to 1439 was requested to support the aircraft accident package

No More Follows

FAA Form 8020-6-1

19-001-ADS

N534FF

SECTION 3.
Review of Services Memoranda



Federal Aviation Administration

Memorandum

Date: July 22, 2019

To: Addison Airport Traffic Control Tower Aircraft Accident File 19-001-ADS

Dan Schmidt, Manager,

DANIEL J SCHMIDT

Digitally signed by
DANIEL J SCHMIDT
Date: 2019.07.26
10:55:00 -05'00'

From: Addison Airport Traffic Control Tower, ADS ATCT

Subject: **INFORMATION**: Review Of Services Memo
Aircraft Accident, N534FF
Addison, TX, June 30, 2019

ADS ATCT conducted a review of services concerning N534FF and was determined to have pertinent services. As the holding facility with pertinent services I certify the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies are on file in this office.

Airport Diagram
Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
FAA Form 7230-10
FAA Form 7230-4
FAA Form 8020-3
FAA Form 8020-6
FAA Form 8020-6-1
FAA Form 8020-9
Facility Layout Chart(s)
Flight Progress Strip(s)
Mandatory Occurrence Report
Personnel Log(s)
Weather Data
Covered Event Review
NOTAM(s)

19-001-ADS
N534FF



Federal Aviation Administration

Memorandum

Date: July 10, 2019

To: Addison Airport Traffic Control Tower Aircraft Accident File 19-001-ADS

From: John M. Trowbridge, Manager, **JOHN M TROWBRIDGE**
Dallas/Ft. Worth Terminal Radar Approach Control Facility, D10 TRACON

Digitally signed by JOHN
M TROWBRIDGE
Date: 2019.07.10
11:10:08 -05'00'

Subject: **INFORMATION**: Review Of Services Memo
Aircraft Accident, N534FF
Addison, TX, June 30, 2019

D10 TRACON conducted a review of services concerning N534FF and was determined to have provided no services but does have air traffic data. As a facility with air traffic data I certify the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies are on file in this office.

STARS Playback Workstation File
STARS Radar Data
STARS Adaptation File

19-001-ADS
N534FF


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

DAILY RECORD OF FACILITY OPERATION

PAGE NO
Page 1 of 2

DATE
Jun 30, 2019

LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION
Addison, TX	ADS	ATCT	ALL

CHECKED BY

AIR TRAFFIC MANAGER
Dan J. Schmidt

UTC TIME	REMARKS
1100	B. POTTER ON. ADS ATCT OPEN, RWY15 IN USE. WCLC. CFPL: OTS: LIGHT GUN IN NORTH POSITION. CFPL: OTS: CRASH PHONE LINE BUSY. UNABLE TO CALL OR RECIEVE. AIRPORT NOTIFIED. CFPL: OTS: RWY33 ILS DME. CFPL: WE RECEIVED A REPORT YESTERDAY THAT THE RWY15 MALIS HAS SEVERAL LIGHTS OUT. -- BP
1157	M. DORSEY ON. -- BP
1200	CRASH PHONE CHECK. -- MD
1257	B. POTTER ON. -- MD
1411	RY 15/33 OPS SUSPENDED DUE TO ACCIDENT. -- KB
1501	K. BASS ON. -- BP
1519	RY 15/33 OPS RESUMED PER AIRPORT OPS 1. -- KB
1534	ADS-M-2019/06/30-0001 -- N534FF -- KB
1638	W. CHEN ON -- KB
1745	K. BASS ON -- WC
1818	BATTLION 101 TERMINATED ALERT 3, ACN. -- KB
1818	T. MILLER ON. -- KB
2012	K. BASS ON, WCLC. -- KB
2021	A VEHICLE WITH 2 MEN WERE AT THE GATE WANTING INFORMATION ABOUT ACCIDENT FROM EARLIER IN THE DAY. THEY CLAIMED TO BE FAMILY MEMBERS AND I TOLD THEM I WOULD HAVE TO MAKE A PHONE CALL TO WAIT OUTSIDE THE GATE. WHEN I RETURNED TO THE GATE, BOTH MEN WERE GONE. I BRIEFED THE CONTROLLERS AND INFORMED THE ROC. -- KB
2149	V. RAMIREZ ON. -- KB
2227	T. MILLER ON. -- VR
2314	V. RAMIREZ ON. -- TM
0000	T MILLER ON. -- VR

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.

SIGNATURE(S) OF WATCH SUPERVISOR(S)




FAA Form 7230-4

19-001-ADS
N534FF

DAILY RECORD OF FACILITY OPERATION

PAGE NO
Page 2 of 2

DATE
Jun 30, 2019

CHECKED BY


LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION
Addison, TX	ADS	ATCT	ALL

AIR TRAFFIC MANAGER
Dan J. Schmidt

UTC TIME	REMARKS
----------	---------

0144 V.RAMIREZ ON. -- VR

0300 COB. -- VR

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.

SIGNATURE(S) OF WATCH SUPERVISOR(S)


FAA Form 7230-4

19-001-ADS
N534FF

SECTION 5.
Personnel Log(s)

ART - Sign On Log

7/1/2019 8:30:05 AM

ADS

Selected Report Dates: 6/29/2019 10:00:00 PM - 6/30/2019 10:00:00 PM

OPINIT	NAME	SHIFT/TYPE	SIGN- IN	SIGN - OUT	LV	OJT	CIC	TOS
MD	DORSEY, MARKO D REMARKS	05:45-13:45/R	05:45:00	13:45:00			1+1	
BP	POTTER, BRETT D REMARKS	05:45-13:45/R	05:45:00	13:45:00			3+15	
WC	CHEN, WILLIAM REMARKS	06:45-14:45/R	11:30:00	14:45:00	4+45		1+7	
MV	VILLEGAS, MARIO A. REMARKS	06:45-14:45/R	06:45:00	14:45:00				
KB	BASS II, KENNETH J REMARKS	09:50-17:50/R	09:50:00	17:50:00				
ND	DEFILIPPO, NICHOLAS R. REMARKS	12:45-20:45/R	10:54:00	20:45:00				1+51
RA	ANDERSON, DANIEL E. REMARKS	13:15-21:15/R	13:15:00	21:15:00	8+0			
TM	MILLER, TAMIKA L REMARKS	14:15-22:15/R	14:15:00	22:15:00			3+18	
VR	RAMIREZ, VERNUM REMARKS	14:15-22:15/R	14:15:00	22:15:00			2+55	



Federal Aviation Administration

Memorandum

Date: June 30, 2019

To: Aircraft Accident Package, 19-001-ADS

From: [REDACTED]
Dan Schmidt, Manager, Addison Air Traffic Control Tower (ADS)

Subject: RDO List

In accordance with ORDER JO 8020.16C, chapter 6 paragraph 3c (6), facilities utilizing Cru-ART are required to include a memorandum listing those employees on Regular Days Off (RDO).

The following listed employees of Addison Air Traffic Control Tower, ADS, were on RDO June 30, 2019

Rodney Tucker	RT
Chad Gayle	CG
Wisdom Smith	WS
Joshua Lunsford	JL
Alexander Lee	LX
Ty Hearnberger	YT

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SECTION 6.

FAA Form(s) 7230-10, Position Log, or automated equivalent

POSITION LOG					
Fac ID: ADS			Log Date: 6/30/2019		
Pos ID: GC			Pos Type: GC		
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
1100	BP	1156	C		
1157	MD	1256	C		
1257	BP	1257	C		
1258	BP	1414	C		
1415	MV	1500	C		
1501	KB	1638	S		
1639	WC	1745	C		
1746	KB	1829	S		
1830	WC	1919	C		
1920	TM	1925	C		
1926	TM	2012	C		
2013	TM	2100	C		
2101	VR	2149	C		
2150	VR	2226	C		
2227	ND	2359	C		
0000	TM	0143	C		
0144	VR	0259	C		
0300		0459		Closed	

FAA Form 7230-10 (Electronic)

19-001-ADS
N534FF

SECTION 7.
Facility Layout Chart(s)

Part I
Chapter 1
EQUIPMENT

TOWER CAB POSITION LAYOUT

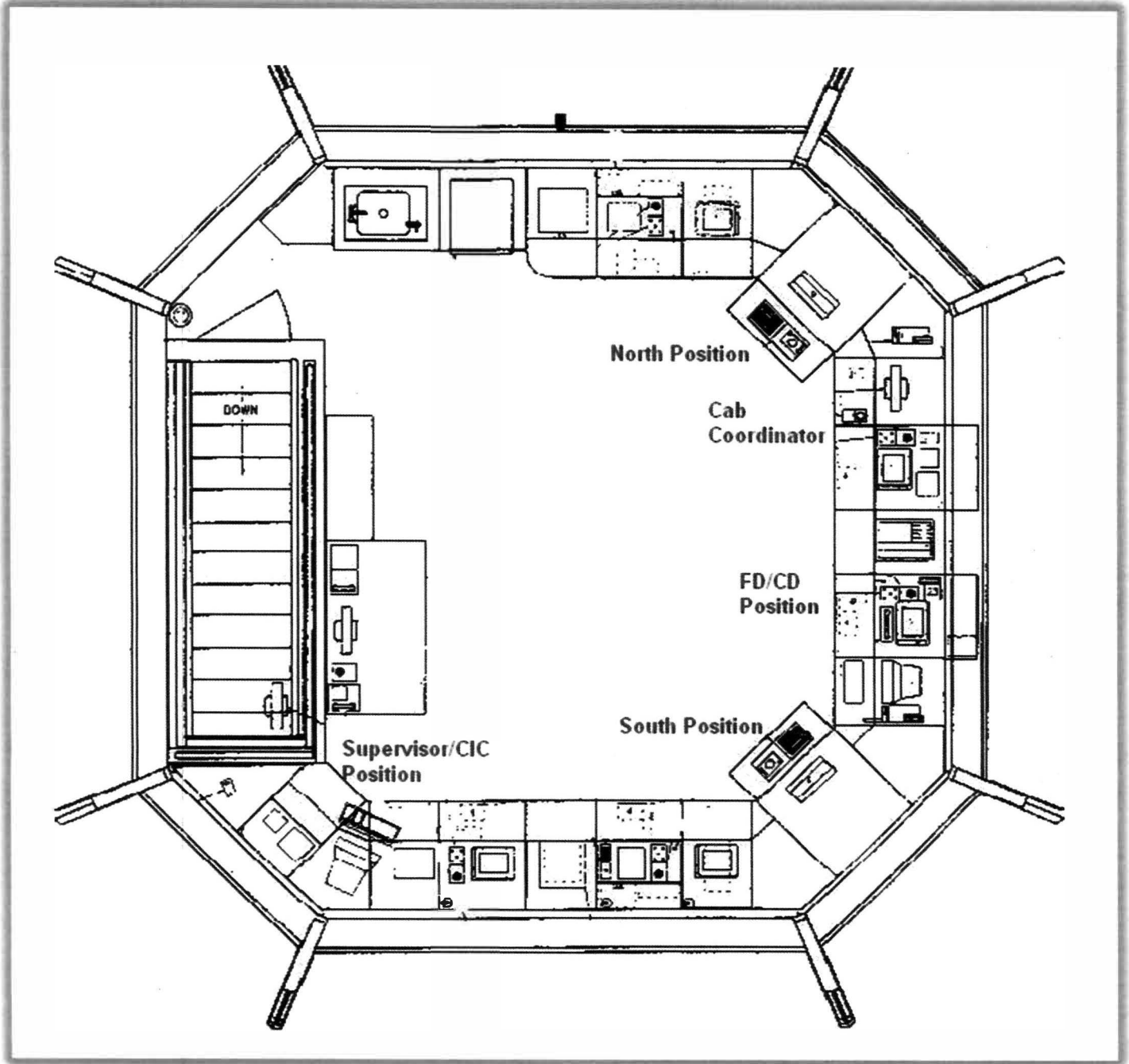


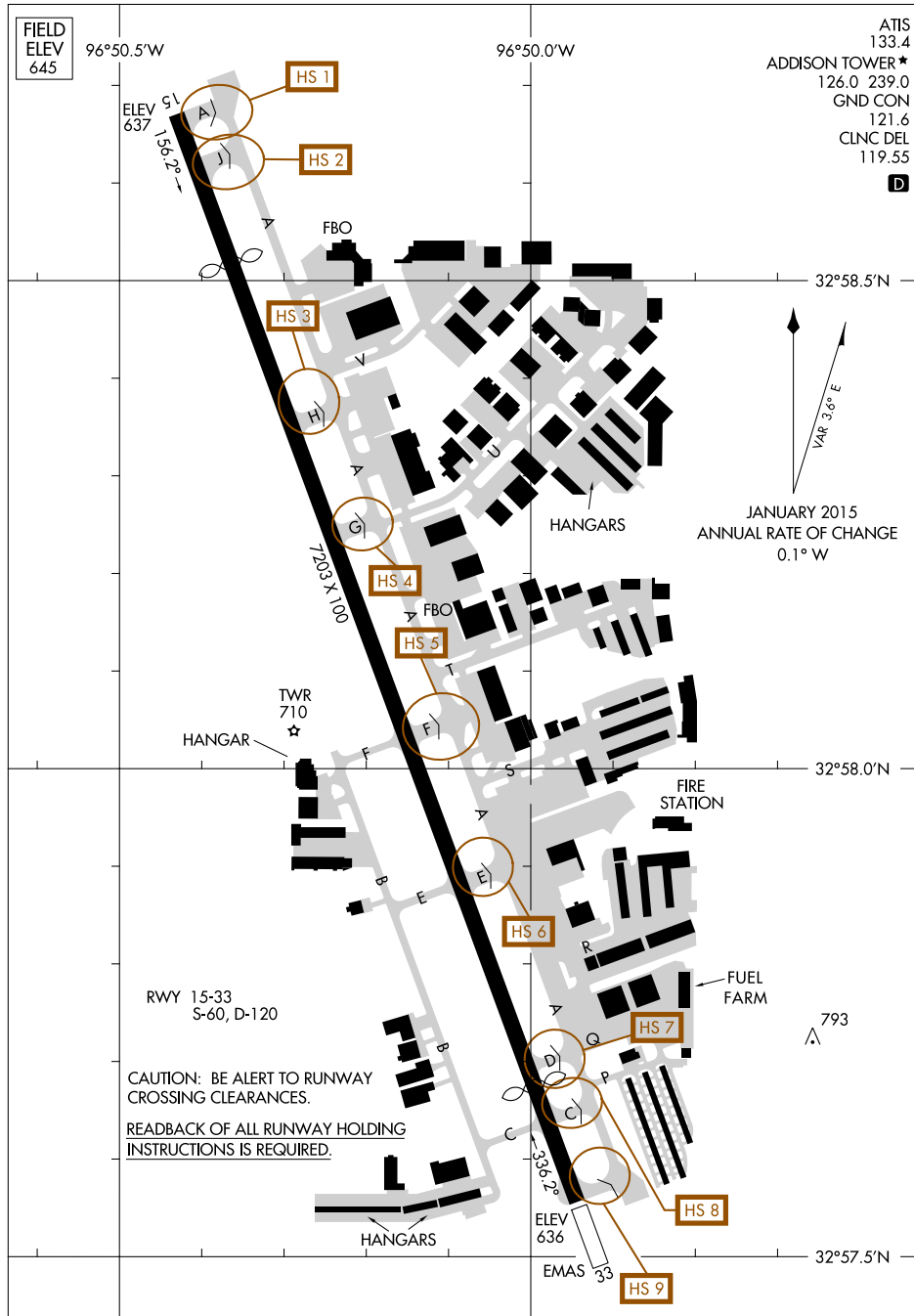
FIG 1-1-1 TOWER CAB POSITION LAYOUT

SECTION 8.
Airport Diagram

17173
AIRPORT DIAGRAM

AL-768 (FAA)

ADDISON(ADS)
 DALLAS, TEXAS



AIRPORT DIAGRAM
 17173

DALLAS, TEXAS
 ADDISON(ADS)

19-001-ADS
 N534FF

This Diagram Not To Scale

SECTION 9.
Flight Progress Strip(s) and/or In-Flight Contact Record(s)

Flight Progress Strip(s)
 FPS Addison ATCT June 30, 2019 UTC

N534FF H/B350/L 835	6223	KADS KSPG <i>W</i>	KADS KUSS05 ZALEA CEW HEVVN KSPG	<i>JL050</i>	✓		
	P1400						
	310						

19-001-ADS
 N534FF

SECTION 10.

FAA Form(s) 8020-3, Facility Accident/Incident Notification Record

SECTION 11.
Weather Products

Addison ATCT

Weather Products 6/30/2019 UTC

METAR KADS 301347Z 10006KT 10SM SCT014 24/20 A3006

METAR KADS 301502Z 08003KT 10SM SCT017 26/21 A3006

I certify the attached copy of the METARs originated from the APG-link to archived weather is an accurate copy of the original.

DANIEL J

SCHMIDT

ADS ATCT, Air Traffic Manager
Addison ATCT

Digitally signed by
DANIEL J SCHMIDT
Date: 2019.07.26
10:53:43 -05'00'

19-001-ADS
N534FF

SECTION 12.

Other

UTC (Zulu) Time Conversion Chart

UTC (Zulu)	PST/ ALDT	PDT/ MST	MDT/ CST	CDT/ EST	EDT/ AST	ALST	HST
0000*	1600	1700	1800	1900	2000	1500	1400
0100	1700	1800	1900	2000	2100	1600	1500
0200	1800	1900	2000	2100	2200	1700	1600
0300	1900	2000	2100	2200	2300	1800	1700
0400	2000	2100	2200	2300	0000*	1900	1800
0500	2100	2200	2300	0000*	0100	2000	1900
0600	2200	2300	0000*	0100	0200	2100	2000
0700	2300	0000*	0100	0200	0300	2200	2100
0800	0000*	0100	0200	0300	0400	2300	2200
0900	0100	0200	0300	0400	0500	0000*	2300
1000	0200	0300	0400	0500	0600	0100	0000*
1100	0300	0400	0500	0600	0700	0200	0100
1200	0400	0500	0600	0700	0800	0300	0200
1300	0500	0600	0700	0800	0900	0400	0300
1400	0600	0700	0800	0900	1000	0500	0400
1500	0700	0800	0900	1000	1100	0600	0500
1600	0800	0900	1000	1100	1200	0700	0600
1700	0900	1000	1100	1200	1300	0800	0700
1800	1000	1100	1200	1300	1400	0900	0800
1900	1100	1200	1300	1400	1500	1000	0900
2000	1200	1300	1400	1500	1600	1100	1000
2100	1300	1400	1500	1600	1700	1200	1100
2200	1400	1500	1600	1700	1800	1300	1200
2300	1500	1600	1700	1800	1900	1400	1300
2400	1600	1700	1800	1900	2000	1500	1400

The time *0000 and 2400 are interchangeable. The time 2400 is associated with the date of the day ending, and 0000 with the day just starting.

UTC = Coordinated Universal Time, or Zulu
PST = Pacific Standard Time (UTC - 8 hours)
ALDT = Alaskan Daylight Time (UTC - 8 hours)
PDT = Pacific Daylight Time (UTC - 7 hours)
MST = Mountain Standard Time (UTC - 7 hours)
MDT = Mountain Daylight Time (UTC - 6 hours)
CST = Central Standard Time (UTC - 6 hours)
CDT = Central Daylight Time (UTC - 5 hours)
EST = Eastern Standard Time (UTC - 5 hours)
EDT = Eastern Daylight Time (UTC - 4 hours)
AST = Atlantic Standard Time (UTC - 4 hours)
ALST = Alaskan Standard Time (UTC - 9 hours)
HST = Hawaiian Standard Time (UTC - 10 hours)

19-001-ADS

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