

## Memo

**To:** Clark Desing, Director, FAA Western Service Center  
**From:** Mark Demetris, Manager, San Diego Brown Federal Contract Tower  
**Date:** September 11, 2015  
**Subject:** **INFORMATION:** Certification Statement  
Aircraft Accident, N1285U / EAGLE 1  
San Diego, CA, August 16, 2015

I certify that air traffic aircraft accident package, SDM-FCT-0030, has been reviewed and is complete.

A handwritten signature in black ink, partially obscured by a black redaction box.

ATM, SDM

A solid black rectangular redaction box.

**Aircraft Accident Package**

**SDM-FCT-0030**

**N1285U, C172 / EAGLE 1, SBR1**

**August 16, 2015, 1803 UTC**

**Destroy: February 16, 2018 UTC**



**SECTION 1.**  
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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 October 20, 2015	REPORT NO. SDM-FCT-0030				
<b>REPORT OF AIRCRAFT ACCIDENT</b>		NAME OF REPORTING FACILITY San Diego Brown FCT (SDM)					
		3. LOCATION OF ACCIDENT (MANDATORY) San Diego, CA; 1 1/2 miles northeast of the airport					
1. AIRCRAFT IDENTIFICATION AND TYPE  N1285U, C172	2. DATE/TIME OF ACCIDENT (UTC)  August 16, 2015; 1803 UTC	LATITUDE/LONGITUDE (OPTIONAL) N32 34 20.1800 W116 58 48.5800					
4. NATURE OF ACCIDENT  Midair Collision		5. TYPE OF FLIGHT  No Flight Plan					
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	Michael Copeland	Pilot	Unknown, Unknown			X	
7. PASSENGER DATA	NUMBER ABOARD AIRCRAFT unk	NUMBER UNINJURED unk	NUMBER INJURED unk	NUMBER FATALITIES unk			
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 SAN DIEGO/BROWN METAR - 1753 UTC: wind three one zero at six knots, visibility one zero statute miles, clear, temperature three three, dew point one nine, altimeter two nine eight seven						
	FIRST REPORT SUBSEQUENT TO ACCIDENT SAN DIEGO/BROWN METAR - 1853 UTC: wind two eight zero at one zero knots, visibility one zero statute miles, clear, temperature two eight, dew point one nine, altimeter two nine eight eight						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION	CHECK IF EYEWITNESS			
	Timothy J. Hill *(TJ)	SDM FCT	GC GC				
	Stephen A. Price (SP)	SDM FCT	LC LC	X			
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Mark Demetris 							



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

REPORT DATE

October 20, 2015

REPORT NO.

SDM-FCT-0030

NAME OF REPORTING FACILITY

San Diego Brown FCT (SDM)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

August 16, 2015

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME  
UNLESS OTHERWISE SPECIFIED

- 1749 Cessna N1285U calls Tower inbound from the north for touch and goes, with the ATIS code. Tower instructs N85U to enter right base for Runway 26 right.
- 1750 N85U acknowledges base entry.
- 1753 Tower clears N85U for touch and go runway 26R and to then make right closed traffic. N85U reads back clearance.
- 1754 N85U reports going around. Sequenced to follow a cessna on the right downwind.
- 1756 N85U told to expect an approach to the left runway. N85U acknowledges.
- 1757 N85U sequenced to follow an aircraft to runway 26L and cleared touch and go. N85U acknowledges sequence and clearance.
- 1759 Sabre liner Eagle 1 calls inbound from the west. Tower instructs Eagle 1 to enter right downwind restricted to 2000 feet or above. Eagle 1 acknowledges. The tower issues the instructions again, from the new controller taking over, and acknowledged a second time by Eagle 1.
- 1802 Eagle 1 calls abeam on the right downwind. Tower instructs Eagle 1 to turn base and issues landing clearance. Eagle 1 acknowledges clearance.
- 1803 Tower calls N85U. N85U responds. Tower asks if N85U is still right downwind. No further transmissions from either aircraft.

1. Aircraft Identification and Type, Continued.

EAGLE 1, SBR1

5. Type of Flight, Continued.

EAGLE 1, VFR Flight Plan

6. Flight Crew, Continued.

EAGLE 1 - Jeffrey Percy, Pilot, Unknown, Unknown, Fatality

EAGLE 1 - Unknown Unknown, Co-Pilot, Unknown, Unknown, Fatality

7. Passenger Data, Continued.

EAGLE 1 - 2 Total, unk Uninjured, unk Injured, 2 Fatalities

8. Aircraft Damage, Continued.

EAGLE 1 - Aircraft Damage - Destroyed

No More Follows

**SECTION 3.**  
**Review of Services Memo(s)**




## Memo

**To:** San Diego Brown Federal Contract Tower  
**From:** Mark Demetris, Manager, San Diego Brown Federal Contract Tower  
**Date:** September 10, 2015  
**Subject:** **INFORMATION:** Review of Services Memo  
Aircraft Accident, N1285U / EAGLE 1  
San Diego, CA, August 16, 2015


SDM FCT conducted a review of services concerning N1285U / EAGLE 1 and was determined to have pertinent services. As a supporting 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.

FAA Form 7230-4  
FAA Form 7230-10  
FAA Form 8020-6  
FAA Form 8020-6-1  
FAA Form 8020-9  
FAA Form 8020-3  
Certified Original Copy(ies) of Voice Recording(s)  
Facility Layout Chart(s)  
Airport Diagram  
Transcription(s) of Voice Recording(s)  
Flight Progress Strip(s)

  
SDM, ATM

**SECTION 4.**

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

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 1
				DATE Aug 16, 2015
LOCATION San Diego, CA	IDENTIFICATION SDM	TYPE FACILITY ATCT	OPERATING POSITION CIC	CHECKED BY [Redacted]
				AIR TRAFFIC MANAGER Mark Demetris
UTC TIME	REMARKS			
1500	B. BROWN ON. RY 26 IN USE. WCLC. -- BB			
1652	T. HILL ON. LC/GC 2 MIN OVERLAP WAIVED. -- TJ			
1816	B. BROWN ON. LC/GC 2 MIN OVERLAP WAIVED. -- AJ			
1955	A. REMINGTON ON. GC 2 MIN OVERLAP WAIVED. -- AJ			
2052	B. BROWN ON. GC 2 MIN OVERLAP WAIVED. -- AJ			
2125	LC 2 MIN OVERLAP WAIVED. -- AJ			
2203	A. REMINGTON ON. GC 2 MIN OVERLAP WAIVED. WCLC. -- AJ			
2329	B. BROWN ON. GC 2 MIN OVERLAP WAIVED. -- AJ			
0026	A. REMINGTON ON. LC/GC 2 MIN OVERLAP WAIVED. -- AJ			
<del>0300</del>	<del>COB - AJ</del>			
Q 0030	<p>DELAYED ENTRY 1803Z: EAGLE 1, SBR1 AND N1285U, C172 COLLIDED 2 MILES ENE OF SDM. CRASH PHONE TO SD COUNTY FIRE DEPT ACTIVATED, BEGINNING OTHER NOTIFICATIONS - TJ</p>			
E	<p>DELAYED ENTRY 1804Z: MOMENTARY POWER FAILURE IN TOWER. RADIO AND LANDLINE COMMUNICATION WORKING BUT DALR IN ALARM, RADAR FAILED, FACILITY CLOCKS BLINKING IN CORRECT TIME, ASOS FAILED, FACILITY FIRE ALARM ACTIVATED, ELEVATOR STUCK BETWEEN FLOORS WITH "BB" INSIDE. - TJ</p>			
	<p>DELAYED ENTRY 1810Z: BB OUT OF ELEVATOR AND IN CAB. RADAR FUNCTIONING BUT IN NKX/ARIS MODE AND UNUSABLE. DALR RECORDING NORMALLY BUT STILL IN ALARM. PARTIAL ASOS FUNCTIONS/DISPLAY RESTORED SUITABLE FOR OFFICIAL USE. GC CLOCK CORRECT BUT LC CLOCK UNUSABLE. SOC NOTIFIED AND TECH ASSISTANCE REQUESTED - TJ</p>			
0300	COB - AJ			
<small>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.</small>			<small>SIGNATURE(S) OF WATCH SUPERVISOR(S)</small> 	

FAA Form 7230-4

SDM-FCT-0030  
N1285U / EAGLE 1

**SECTION 5.**  
**Personnel Log(s)**

**SDM FCT**  
**Daily Sign-On Log**

**Pay Period:** 18      **Dates:** **AUG 15 THRU AUG 21**      **2015**  
**CODES:** A - Administrative Leave B - Bereavement Leave D - Duty H - Holiday J - Jury Duty LWOP - Leave Without Pay RDO - Regular Day Off PDL - Personal Day of Leave VAC - Vacation

		Code	Time On 1	Time Off 2	Time On 3	Time Off 4	Hours	Remarks
SAT	MG	D	0745			1545		
	TJ	D	1215			2015	5.0	
	AJ	RDO						RDO
	BB	B	1000			1800	5.0	
	SP	B	0900			1700	8.0	
SUN	MG	RDO	1150			2015	9.25	RDO
	TJ	D	0745			1745	8.0	
	AJ	D	1215			2015	8.0	
	BB	D	0745			1745	10.0	2.0 OT
	SP	D	1800			1800	8.0	
MON	MG	RDO						RDO
	TJ	A						8.0 Admin
	AJ	D	1015			2015	10.0	2.0 OT
	BB	RDO	0745			1745	10.0	RDO 10.0 OT
	SP	RDO						RDO
TUE	MG	D	0745			1345	10.0	8.0 OT
	TJ	A						8.0 Admin
	AJ	D	1015			2015	10.0	2.0 OT
	BB	RDO						RDO
	SP	RDO						RDO
WED	MG	D	0730			1930	12.0	4.0 OT
	TJ	D	0745			1545	8.0	
	AJ	D	0745			1745	8.0	
	BB	D	1215			2015	8.0	
	SP	D	1000			1800	8.0	
THU	MG	D	0745			1830	9.45	1.45 OT
	TJ	RDO						RDO
	AJ	D	0745			1745	8.0	
	BB	D	1215			2015	8.0	
	SP	D	0700			1600	8.0	
FRI	MG	D	0745					
	TJ	RDO						RDO
	AJ	RDO						RDO
	BB	A	1015			2015	10.0	2.0 OT
	SP	D	0900			1800	8.0	

**SECTION 6.**

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

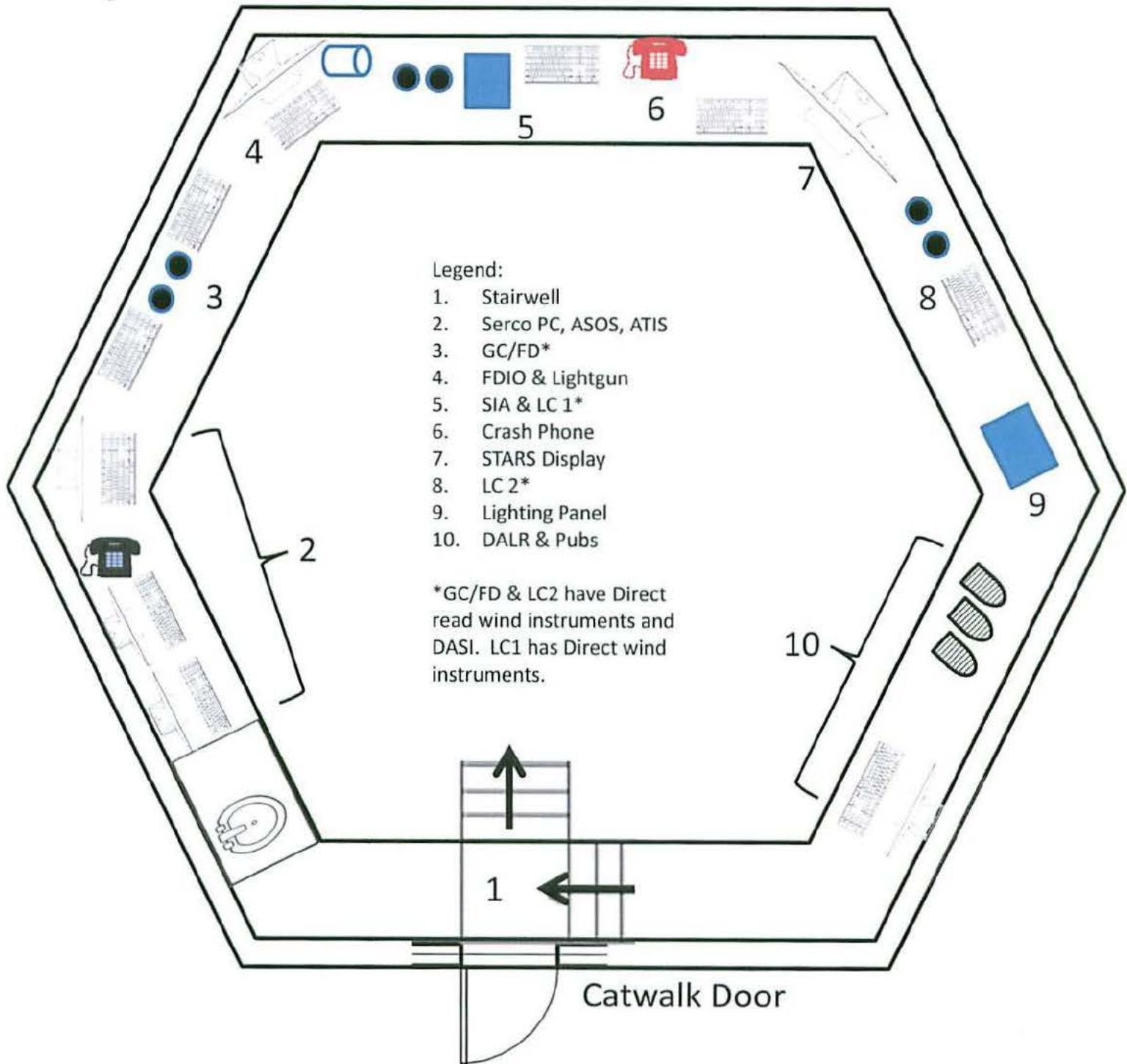


**SECTION 7.**  
**Facility Layout Chart(s)**



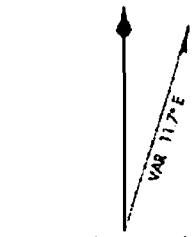


# Brown Field Tower Cab Layout



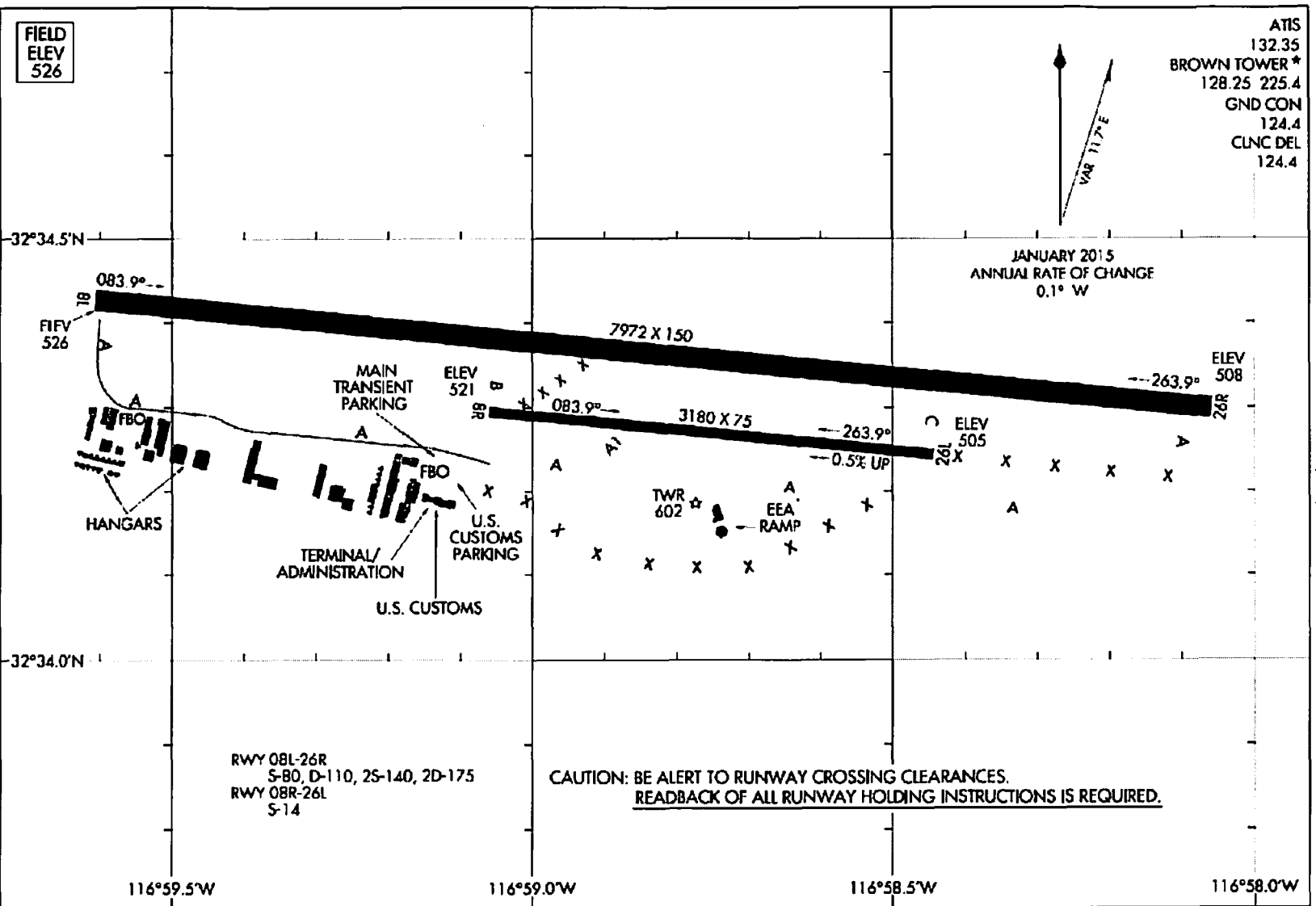
**SECTION 8.**  
**Airport Diagram**

ATIS 132.35  
 BROWN TOWER \* 128.25 225.4  
 GND CON 124.4  
 CLNC DEL 124.4



JANUARY 2015  
 ANNUAL RATE OF CHANGE  
 0.1° W

SW-3, 17 SEP 2015 to 15 OCT 2015



SW-3, 17 SEP 2015 to 15 OCT 2015

This Diagram is Not to Scale

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

Flight Progress Strip(s)

FPS San Diego Brown FCT August 16, 2015 UTC

EAGLE1	4644	A1753	VFR			
SBR1/G	W291					
41W	MZB 209/021		SDM			

EAGLE1	4641	SDM ORIS	KSDM W291
SBR1/G	P1514	MONDAY	
671	VFR/45	DEPT 8/16/15	125.15

**SECTION 10.**  
**Transcription of Voice Recording(s)**

# Memo

**To:** Aircraft Accident File SDM-FCT-0030  
**From:** San Diego Brown Federal Contract Tower  
**Date:** September 10, 2015  
**Subject:** **INFORMATION:** Partial Transcript  
 Aircraft Accident, N1285U / EAGLE 1  
 San Diego, CA, August 16, 2015

This transcription covers the San Diego Brown Federal Contract Tower (FCT) GC position for the time period from August 16, 2015, 1719 UTC, to August 16, 2015, 1834 UTC.

<u>Agencies Making Transmissions</u>	<u>Abbreviations</u>
Cessna 1285U	N1285U
Brown Tower	TOWER
Sabre Liner EAGLE1	EAGLE1

I certify that the following is a true transcription of the recorded conversations pertaining to the subject Aircraft Accident involving N1285U / EAGLE 1.



Mark C. Demetris  
 Air Traffic Manager  
 Brown Field FCT

1719  
 (1720-1748)  
 1749  
 1749:44

N1285U      uh brown tower cessna one two eight five uniform twenty four hundred feet oday lake inbound for touch and goes with information alpha



## Memo (continued)

1749:54	TOWER	cessna one two eight five uniform brown tower enter right base runway two six right
1749:58	N1285U	eight five uniform enter uh the right base for two six right
1750:24	N1285U	uh eight five uniform uh cleared after uh number two after the cessna
1750:29	TOWER	cessna eight five uniform that was not for you it's for a station air three miles to the east continue inbound and use caution you have a similar sounding call sign
1750:38	N1285U	eight five uniform uh uh understand
1751		
1752		
1752:57	TOWER	cessna eight five uniform runway two six right clear touch and go then make right closed traffic
1753:01	N1285U	eight five uniform clear touch and go uh two eight right with right traffic right closed traffic
1753:07	TOWER	cessna eight five uniform thats runway two six right
1753:10	N1285U	eight five uniform cleared uh runway two six right
1754		
1754:46	N1285U	brown tower eight five uniform is gonna go around on two six right
1754:50	TOWER	cessna eight five uniform roger following a cessna mid right downwind
1755		
1756		



## Memo (continued)

1756:31	TOWER	cessna eight five uniform expect a pass on the uh left runway
1756:37 1757	N1285U	eight five uniform expecting left runway
1757:01	TOWER	cessna eight five uniform number two behind a skybolt left base runway two six left clear touch and go
1757:02	N1285U	eight five uniform number two in sequence two six left touch and go
1758 1759 1759:04	EAGLE1	brown tower eagle one nine west inbound bravo full stop
1759:08	TOWER	eagle one brown tower maintain at or above two thousand feet enter right traffic for runway two six right
1759:13	EAGLE1	two thousand feet right traffic two six right eagle one
1759:50	TOWER	eagle one maintain at or above two thousand right traffic runway two six right
1759:55 1800 1801 1802 1802:14	EAGLE1	eagle one right traffic two thousand for two six right
1802:14	EAGLE1	eagle one is right downwind abeam traffic to the left and right in sight
1802:42	TOWER	eagle one turn base two six right clear to land
1802:45	EAGLE1	eagle one base gear stop right clear to land

## Memo (continued)

1803  
1803:04 TOWER november eight five uniform tower

1803:07 N1285U eight five uniform

1803:09 TOWER are you still on downwind sir right downwind  
1804  
(1805-1833)  
1834

End of Transcript

**SECTION 11.**

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



# FACILITY ACCIDENT/INCIDENT NOTIFICATION RECORD

Aircraft Identification

Date

8/16/15

Airport  
SDM

The order and number of calls will be determined by the situation involved.

	Phone No.	Time	Initials	
			Caller	Recipient
Airport Emergency Equipment	Red Phone	1104	[Redacted]	[Redacted]
Additional Emergency Equipment	911			
Search and Rescue	Call ROC			
*Washington Operations Center (WOC)	Call ROC			
Region Operations Center (ROC) (WSA OPS CTR)	[Redacted]	1135		
Domestic Events Network	[Redacted]			
Air Traffic Manager	[Redacted]	1105	[Redacted]	[Redacted]
Flight Standards District Office (FSDO)				
System Safety Investigations	Call ROC			
National Transportation Safety Board (NTSB)	Call ROC			
System Maintenance Organization Manager				
Law Enforcement	911			
National Weather Service (NWS)	[Redacted]			
Military Authority				
Airport Authority	(After Hours-see below)	Direct Line		
Aircraft Operator				
Operational Control Center (POCC)				
District Manager	[Redacted]	[Redacted]		
Serco Emergency Number	[Redacted]	1109	[Redacted]	[Redacted]
Serco After Hours if above number fails				
San Diego Brown Field Airport Management				
WSA OPS CTR	[Redacted]			

Form Updated by (Name, Title, Facility): Mark Demetris, ATM SDM

Date:  
1/30/2016

\*Accidents requiring telephone notification to Washington shall be made immediately following notification for emergency equipment and/or search and rescue.

**SECTION 12.**  
**Weather Products**

**Memo**


San Diego Brown FCT

Weather Products 8/16/2015 UTC

METAR KSDM 161753Z 31006KT 10SM CLR 33/19 A2987 RMK AO2 SLP108 T03280194 10339  
20189 57001

METAR KSDM 161853Z 28010KT 10SM CLR 28/19 A2988 RMK AO2 SLP112 T02830189

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

  
Mark C. Demetris  
Air Traffic Manager  
Brown Field FCT

**SECTION 13.**

**Other**

# UTC (Zulu) Time Conversion Chart

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

\*0000 and 2400 are interchangeable.

2400 is associated with the date of the day ending, 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)
-