

Factual Report – Attachment 3

Aircraft Accident Package

AIR TRAFFIC CONTROL

DCA19MA086




Federal Aviation Administration

Memorandum

Date: February 26, 2019

To: Andy Atchley, Director, Central Service Center

From: 
Robert P Morris, Manager, Houston Intercontinental Terminal
Radar Approach Control Facility

Subject: **INFORMATION:** Certification Statement
Aircraft Accident, GTI3591
Trinity Bay, TX, February 23, 2019

I certify that aircraft accident package, 19-002-I90, has been reviewed and is complete.

Copy

Aircraft Accident Package

19-002-I90

GTI3591, B767

February 23, 2019, 1839 UTC

Destroy: February 23, 2024 UTC

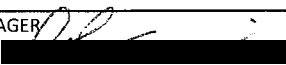
SECTION 1.
Table of Contents

TABLE OF CONTENTS

SECTION 1.	Table of Contents
SECTION 2.	FAA Form 8020-6, Report of Aircraft Accident, and FAA Form 8020-6-1, Report of Aircraft Accident, (Continuation Sheet)
SECTION 3.	Review of Services Memoranda
SECTION 4.	FAA Form(s) 7230-4, Daily Record of Facility Operation
SECTION 5.	Personnel Log(s)
SECTION 6.	FAA Form(s) 7230-10, Position Log, or automated equivalent
SECTION 7.	Facility Layout Chart(s)
SECTION 8.	Flight Progress Strip(s) and/or In-Flight Contact Record(s)
SECTION 9.	FAA Form(s) 8020-3, Facility Accident/Incident Notification Record
SECTION 10.	Weather Products
SECTION 11.	NOTAMs
SECTION 12.	Other

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 March 19, 2019	REPORT NO. 19-002-I90				
REPORT OF AIRCRAFT ACCIDENT		NAME OF REPORTING FACILITY Houston Intercontinental TRACON (I90)					
1. AIRCRAFT IDENTIFICATION AND TYPE GTI3591, B767	2. DATE/TIME OF ACCIDENT (UTC) February 23, 2019; 1839 UTC	3. LOCATION OF ACCIDENT: CITY, STATE (MAND) Trinity Bay, TX					
4. NATURE OF ACCIDENT Crashed on approach		LATITUDE/LONGITUDE (OPTL) N29 45 50.0400 W094 42 51.1200					
		5. TYPE OF FLIGHT IFR Flight Plan					
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	Ricky Blakley	Pilot	Unknown, Unk			X	
	Conrad Aska	Co-Pilot	Unknown, Unk			X	
7. PASSENGER DATA	NUMBER ABOARD AIRCRAFT 1	NUMBER UNINJURED unk	NUMBER INJURED 1	NUMBER FATALITIES unk			
8. AIRCRAFT DAMAGE Destroyed			9. PROPERTY DAMAGE None				
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Normal							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT HOUSTON/ELLINGTO METAR - 1750 UTC: wind three one zero at one four gusts two two, visibility five statute miles, mist, ceiling one thousand five hundred broken, two thousand five hundred broken, temperature two three, dew point two one, altimeter two nine nine two						
	FIRST REPORT SUBSEQUENT TO ACCIDENT HOUSTON/ELLINGTO METAR - 1850 UTC: wind three one zero at one zero, visibility one zero statute miles, ceiling two five thousand broken, temperature two five, dew point one four, altimeter two nine nine two						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION	CHECK IF EYEWITNESS			
	Natalie Hart *(NH)	I90 TRACON	D AR				
	Steven Zepeda (ZA)	I90 TRACON	I FR				
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Robert P Morris 							

19-002-I90

GTI3591


Electronic Version

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE	REPORT NO.
	March 19, 2019	19-002-190
	NAME OF REPORTING FACILITY	
Miami ATCT (MIA)		
14. CHRONOLOGICAL SUMMARY OF FLIGHT February 23, 2019 <p style="text-align: center;">ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME UNLESS OTHERWISE SPECIFIED</p> <p>1614 GTI3591 contacted the Miami Tower Ground Control North position (GCN) and requested pushback and startup from Cargo City W15B with ATIS Papa. GCN position verified that GTI3591 was in Prime Air colors and approved the request.</p> <p>1621 GTI3591 contacted the GCN position, requested taxi and verified receipt of ATIS Papa. GCN position instructed GTI3591 to taxi to Runway 9 via Romeo, Yankee and Tango. GTI3591 readback the instruction.</p> <p>1622 GCN position instructed GTI3591 to hold short of Tango at Yankee. GTI3591 acknowledged.</p> <p>1624 GCN position instructed GTI3591 to turn right on Tango, Tango one and Sierra to Runway 9. GTI3591 readback the instruction. GTI3591 advised GCN position of another aircraft on the taxi route. GCN position instructed GTI3591 to hold their position. GTI3591 acknowledged. GCN position advised GTI3591 that the other aircraft was moving to a different taxiway and instructed GTI3591 to continue taxi. GTI3591 acknowledged.</p> <p>1627 GCN position instructed GTI3591 to monitor frequency 123.9. GTI3591 acknowledged.</p> <p>1628 GTI3591 contacted the Miami Tower Local Control South position (LCS) and advised ready at Runway 9. LCS acknowledged.</p> <p>1630 LCS position instructed GTI3591 to line up and wait on Runway 9. GTI3591 acknowledged.</p> <p>1632 LCS position instructed GTI3591 to fly heading 090 Runway 9 cleared for take off. GTI3591 acknowledged.</p> <p>1633 LCS position instructed GTI3591 to contact the Miami North Departure Radar position (D). GTI3591 acknowledged.</p> <p>1634 GTI3591 contacted the D position 3000 climbing to 5000. The D position issued radar contact and instructed GTI3591 to climb to 7000. GTI3591 acknowledged.</p> <p>1635 The D position instructed GTI3591 to turn left heading 360. GTI3591 acknowledged.</p>		

FAA Form 8020-6-1

19-002-190


GTI3591

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE March 19, 2019	REPORT NO. 19-002-190
	NAME OF REPORTING FACILITY Miami ATCT (MIA)	
14. CHRONOLOGICAL SUMMARY OF FLIGHT 1636 The D position issued traffic to GTI3591. GTI3591 acknowledged. The D position instructed GTI3591 to turn left heading 320. GTI3591 acknowledged. 1637 The D position instructed GTI3591 to climb to 9000 and proceed direct BORLE. GTI3591 acknowledged. 1639 The D position instructed GTI3591 to climb to 11000. GTI3591 acknowledged. 1640 The D position instructed GTI3591 to climb to 16000. GTI3591 acknowledged. 1642 The D position instructed GTI3591 to contact Miami Center 132.45. GTI3591 acknowledged.		
<hr/> No More Follows		

FAA Form 8020-6-1

19-002-190

GTI3591

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE March 18, 2019	REPORT NO. 19-002-190
	NAME OF REPORTING FACILITY Miami ARTCC (ZMA)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT
February 23, 2019

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1642 GTI3591 Checked in with the Miami Center Labelle High Sector (R47) reporting level at 16 thousand feet.

1643 R47 acknowledged the report and climbed GTI3591 to flight level 230. GTI3591 acknowledged climbing to FL230. GTI3591 questioned R47 if they still needed the speed that was assigned by Miami Approach. R47 advised GTI3591 they could resume normal speed. R47 instructed GTI3591 to contact Miami Center on 126.52. GTI3591 acknowledged the instructions GTI3591.

1644 GTI3591 checked in with Miami Center Avon sector (R64) leaving FL190 for FL230. R64 acknowledged the check in and instructed GTI3591 to climb to FL270, GTI3591 acknowledged the instructions.

1647 R64 instructed GTI3591 to climb to FL280, GTI3591 acknowledged the instructions to climb and maintain FL280.

1648 R64 climbed GTI3591 to FL300, GTI3591 acknowledged the clearance.

1649 R64 instructed GTI3591 to climb to FL400, GTI3591 acknowledged the instructions.

1650 R64 instructed GTI3591 to contact Miami Center on 128.22, GTI3591 acknowledged the instructions. GTI3591 checked in with Miami Center Fort Myers High sector (R25) leaving FL346 for FL400, R25 acknowledged the check in.


1653 R25 instructed GTI3591 to proceed direct REMIS, GTI3591 acknowledged the instructions.

1703 R25 instructed GTI3591 to contact Miami Center 133.9, GTI3591 acknowledged instructions 33.9. GTI3591 checked in with the Miami Center CIGAR sector (R8). R8 acknowledged the check in.


1717 R8 instructed GTI3591 Heavy to contact Jacksonville Center on 135.92, GTI3591 acknowledged the instructions with 3592 GTI3591 Heavy.

No More Follows

FAA Form 8020-6-1
19-002-190
GTI3591

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE March 01, 2019	REPORT NO. 19-002-190
	NAME OF REPORTING FACILITY Jacksonville ARTCC (ZJX)	
14. CHRONOLOGICAL SUMMARY OF FLIGHT February 23, 2019 <p style="text-align: center;">ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME UNLESS OTHERWISE SPECIFIED</p> 1717 GTI3591 made initial contact with the Jacksonville ARTC Center (ZJX) Nepta sector (R30) at flight level four zero zero. R30 acknowledged and assigned a transponder beacon code of 0750. GTI3591 acknowledged. 1721 R30 cleared GTI3591 direct GIRLY. GTI3591 acknowledged. 1742 R30 advised GTI3591 to contact Houston Center on 132.17. GTI3591 acknowledged. <hr/> <p style="text-align: center;">No More Follows</p>		

FAA Form 8020-6-1
19-002-190
GTI3591

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE March 19, 2019	REPORT NO. 19-002-190
	NAME OF REPORTING FACILITY Houston ARTCC (ZHU)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT
February 23, 2019

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1743 Giant3591 (GTI3591) checked on Leeville High (LEV-H) frequency. Leeville High Radar (LEV-HR) acknowledged.

1757 LEV-HR controller issued GTI3591 a frequency change to 132.95. GTI3591 acknowledged.

1758 LEV-HR controller read Houston Center Weather Advisory 205.

1759 GTI3591 checked on White Lake Ultra High (LLA-UH) frequency. White Lake Ultra High Radar (LLA-UHR) controller advised him to expect light chop. GTI3591 stated he had been picking it up intermittently. LLA-UHR assigned revised routing after GIRLY cleared via the LINKK1 arrival. GTI3591 read back the clearance. LLA-UHR stated the readback was broken and reissued it. GTI3591 read it back correctly.

1800 LLA-UHR controller read Houston Center Weather Advisory 205.

1806 LLA-UHR controller issued GTI3591 a decent to FL350 for traffic. GTI3591 acknowledged.

1807 LLA-UHR controller issued GTI3591 a frequency change to 134.92. GTI3591 acknowledged.

1808 GTI3591 checked on Tibby High (TBD-H) frequency at FL400 descending to FL350. Tibby High Radar (TBD-HR) controller stated he missed the call and asked him to say again. GTI3591 restated his altitude.

1809 TBD-HR controller issued GTI3591 a clearance to FL340. GTI3591 stated he was descending to FL340.

1814 TBD-HR controller issues GTI3591 a frequency change to 133.8. GTI3591 acknowledged.


1815 GTI3591 checked on to Trinity Low/High (MHF-L/H) frequency at FL340. Trinity Low/High Radar (MHF-L/HR) controller acknowledged.

1818 MHF-L/HR controller issued GTI3591 a clearance to descend via the LINKK1 arrival and the Beaumont altimeter. GTI3591 read back the clearance and altimeter. GTI3591 asked if he had any idea which runway to expect. The MHF-L/HR controller stated there should be a note and he did not issue transitions.

FAA Form 8020-6-1

19-002-190

GTI3591

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE March 19, 2019	REPORT NO. 19-002-190
	NAME OF REPORTING FACILITY Houston ARTCC (ZHU)	
14. CHRONOLOGICAL SUMMARY OF FLIGHT 1825 GTI3591 reported he was beginning his descent. MHF-L/HF controller acknowledged. 1830 MHF-L/HR controller issued GTI3591 a frequency change to Houston Approach on 119.62. GTI3591 acknowledged. <hr/> <p style="text-align: center;">No More Follows</p>		

FAA Form 8020-6-1

19-002-190

GTI3591



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

REPORT DATE March 19, 2019	REPORT NO. 19-002-190
-------------------------------	--------------------------

NAME OF REPORTING FACILITY Houston Intercontinental TRACON (I90)

14. CHRONOLOGICAL SUMMARY OF FLIGHT
 February 23, 2019

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
 UNLESS OTHERWISE SPECIFIED

1830 GTI3591 contacts Houston Approach (DAR) descending from 17800 via the LINKK arrival with the ATIS code sierra. DAR advises GTI3591 the current ATIS code is tango and the current altimeter is 2991. DAR instructs GTI3591 to fly the runway 26 left transition, GTI3591 acknowledges.

1834 DAR advises GTI3591 of a line of light to heavy precipitation west of the VANNN intersection that is moving eastbound and to expect vectors around the weather, GTI3591 acknowledges.

1835 DAR instructs GTI3591 to contact Houston Approach on 120.65, GTI3591 acknowledges.

1836 GTI3591 contacts Houston Approach (IFR) descending from 11400 via the LINKK arrival with ATIS tango. IFR ask GTI3591 how they would like to navigate around the weather, did they want to go west and then north to the final approach course or to the west. GTI3591 advises that they want one second and they would get right back to him. GTI3591 advises IFR that they wanted to go west through the weather and IFR advises that the only problem with that it would put them in conflict with departing aircraft and that they would need to expedite the descent. IFR assigns GTI3591 to descend and maintain 3000 and to expedite descent, GTI3591 did not acknowledge. IFR reiterated the altitude assignment of 3000 and to expedite descent, GTI3591 acknowledges and will comply with the expeditious descent.

1837 IFR instructs GTI3591 to turn left heading 270, GTI3591 acknowledges.


1838 IFR advises GTI3591 that in 18 miles and once passed the weather that he would take them northbound for the turn to final and that it was clear weather on the west side of the line of weather, GTI3591 acknowledges.

1839 IFR ask GTI3591 to say altitude, GTI3591 did not respond. IFR continues four more times attempting to contact GTI3591 with no response. IFR advises GTI3591 that radar contact was lost.

1840 IFR attempts to contact GTI3591 on guard frequency 121.5 with no response. IFR ask UAL540 if they were receiving a ELT on guard and UAL540 advises negative.

FAA Form 8020-6-1

19-002-190
 GTI3591

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE March 19, 2019	REPORT NO. 19-002-I90
	NAME OF REPORTING FACILITY Houston Intercontinental TRACON (I90)	
14. CHRONOLOGICAL SUMMARY OF FLIGHT <p style="text-align: center;">No More Follows</p>		

FAA Form 8020-6-1

19-002-I90

GTI3591

SECTION 3.
Review of Services Memoranda



Federal Aviation Administration

Memorandum

Date: March 05, 2019

To: Houston Intercontinental Terminal Radar Approach Control Facility
Aircraft Accident File 19-002-I90
[REDACTED]
Robert P. Hildebidle, Manager,

From: Miami Airport Traffic Control Tower, MIA ATCT

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, GTI3591
Trinity Bay, TX, February 23, 2019

MIA ATCT conducted a review of services concerning GTI3591 and was determined to have routine services. As a supporting facility with routine 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.

Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Continuous Data Recording (CDR)
FAA Form 8020-6-1
Flight Progress Strip(s)
STARS Radar Data




Federal Aviation Administration

Memorandum

Date: March 28, 2019

To: Houston Intercontinental Terminal Radar Approach Control Facility
Aircraft Accident File 19-002-I90


Janice Deak, Manager,

From: Miami Air Route Traffic Control Center, ZMA ARTCC

Subject: **INFORMATION**: Review Of Services Memo
Aircraft Accident, GTI3591
Trinity Bay, TX, February 23, 2019

ZMA ARTCC conducted a review of services concerning GTI3591 and was determined to have routine services. As a supporting facility with routine 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.

Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
FAA Form 8020-6-1
National Track Analysis Report
ERAM SAR Files
ERAM Radar Files
FALCON Replay



Federal Aviation Administration

Memorandum

Date: March 01, 2019

To: Houston Intercontinental Terminal Radar Approach Control Facility
Aircraft Accident File 19-002-I90


Robert A. Brown, Manager,

From: Jacksonville Air Route Traffic Control Center, ZJX ARTCC

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, GTI3591
Trinity Bay, TX, February 23, 2019

ZJX ARTCC conducted a review of services concerning GTI3591 and was determined to have routine services. As a supporting facility with routine 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.

Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
ERAM Local Adaptation File
FAA Form 8020-6-1
ERAM SAR Files
ERAM Radar Files
Email Notification



Federal Aviation Administration

Memorandum

Date: February 26, 2019

To: Houston Intercontinental Terminal Radar Approach Control Facility
Aircraft Accident File 19-002-I90

Larry Harris, Acting Manager, **LARRY D
HARRIS**

Digitally signed by LARRY D HARRIS
Date: 2019.02.26 14:33:16 -0600

From: Houston Air Route Traffic Control Center, ZHU ARTCC

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, GTI3591
Trinity Bay, TX, February 23, 2019

ZHU ARTCC conducted a review of services concerning GTI3591 and was determined to have routine services. As a supporting facility with routine 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.

Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
ERAM Local Adaptation File
FAA Form 7230-10
FAA Form 7230-4
FAA Form 8020-6-1
Facility Layout Chart(s)
Mandatory Occurrence Report
Personnel Log(s)
Weather Data
ERAM SAR Files

19-002-I90

GTI3591




Federal Aviation Administration

Memorandum

Date: February 26, 2019

To: Houston Intercontinental Terminal Radar Approach Control Facility
Aircraft Accident File 19-002-I90


Robert P Morris, Manager,

From: ~~Houston Intercontinental Terminal Radar Approach Control Facility, I90 TRACON~~

Subject: **INFORMATION**: Review Of Services Memo
Aircraft Accident, GTI3591
Trinity Bay, TX, February 23, 2019

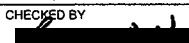

I90 TRACON conducted a review of services concerning GTI3591 and was determined to have pertinent services. As the holding facility with pertinent services I certify the following data has been retained in accordance with FAA Order 8020.16. Additionally, I certify that the following originals/digital copies are on file in this office.

Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Continuous Data Recording (CDR)
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

19-002-I90

GTI3591

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

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 1
				DATE Feb 23, 2019
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY 
Houston, TX	I90	TRACON	Watch Supervisor	AIR TRAFFIC MANAGER Robert P. Morris
UTC TIME	REMARKS			
0600	W. Hall on, WCLC. CLL ATC ALERT. CD FREQ 120.87 OTS. -- DN			
1146	D. Magley on. -- XL			
1342	Widely-Spaced parallel approaches in effect. -- XL			
1403	Widely-Spaced Terminated. -- XL			
1403	Triple Simultaneous Approach Checklist complete. -- XL			
1418	WCLC. -- XL			
1439	Widely-Spaced parallel approaches in effect. -- XL			
1453	Widely-Spaced Terminated. -- XL			
1538	Simultaneous Approach checklist complete. -- XL			
1850	C. Payne on. -- CP			
M 1912	I90-M-2019/02/23-0001 -- GTI3591 -- ME			
1922	Simultaneous Approach checklist complete. -- CP			
M 1928	I90-M-2019/02/23-0002 -- ANZ28 -- CP			
1930	G. Matthews on. -- KF			
2130	WCLC. -- KF			
M 2308	I90-M-2019/02/23-0004 -- NKS680 -- KF			
2337	Training was suspended today due to a staffing shortage and accident investigation. \ -- KF			
M 0302	I90-M-2019/02/23-0006 -- SWA3387 -- KF			
M 0333	I90-M-2019/02/23-0007 -- SAW5442 -- KF			
0340	D. Magley on. -- XL			
0559	COB. -- XL			
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.

19-002-I90

SECTION 5.
Personnel Log(s)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
@COOKS, KAREEM (KC) 05:45 - 13:45	9 R	05:00 05:45	05:45 13:45	08+45			00+21	05+25			
@HANNER, TODD (TH) 05:00 - 13:00	R 9	05:00 13:00	13:00 14:00	09+00			00+58	05+16			
RICHARDSON, MICHAEL (MR) 05:00 - 13:00	R 1	05:00 13:00	13:00 16:45	11+45			02+55	08+50			
SCHAWINSKY, MICHAEL (SC) 05:00 - 13:00	R	05:00	13:00	08+00			00+25	04+09			
GOOLSBY, JOSHUA (GO) 05:30 - 13:30	R	05:30	13:30	08+00			00+27	04+28			
MAGLEY, DONALD (XL) 05:30 - 13:30	R	05:30	13:30	08+00			00+05	07+39			
HARRIS, -GEROME (GQ) 05:45 - 13:45	R	05:45	13:45	08+00			00+20	04+27			
@KEANE, JAMES (PA) 06:00 - 14:00	R	06:00	14:00	08+00			00+25	04+49			
@GILES, JOSEPH (TX) 06:45 - 14:45	9 R	06:17 06:45	06:45 10:45	04+28	04+00	Leave	00+42	02+19			
BRITTAIN, MICHAEL (ME) 06:30 - 14:30	R 9	06:30 14:30	14:30 14:45	08+15			00+35	07+39			
@FLORES, KAYLA (FS) 06:45 - 14:45	R	06:45	14:45	08+00			02+10	03+21			
@JAMES, CHIUMBO (CJ) 06:45 - 14:45	R	06:45	14:45	08+00			00+42	04+38			
@JEFFERSON, RICHARD (RJ) 06:45 - 14:45	R	06:45	14:45	08+00			00+43	04+56			
@ROGERS, DANA (RW) 06:45 - 14:45	R	06:45	13:30	06+45	01+15	Leave	00+26	03+47			
DISMEL, LUTHER (LD) 06:45 - 14:45	R	06:45	14:45	08+00			00+42	04+33			
HART, NATALIE (NH) 06:45 - 14:45	R 51	06:45 14:45	14:45 16:45	10+00			03+47	03+38			
MILLER, TYLER (IV) 06:45 - 14:45	R	06:45	14:45	08+00			00+39	03+57			
CLAROS, MONICA (EX) 06:49 - 14:49	R	06:49	14:49	08+00			01+28	03+40			
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
JACKSON, JOHNNIE (JJ) 06:55 - 14:55	R	06:55	14:55	08+00			00+56	04+34			
@LUNA, TYLER (TL) 07:00 - 15:00	R	07:00	15:00	08+00			00+54	04+11			
@RATCLIFF, MICHAEL (RM) 07:00 - 15:00	R	07:00	13:00	06+00	02+00	Leave	00+27	03+40			
@SANCHEZ, DAVY (DS) 07:00 - 15:00	R	07:00	15:00	08+00			00+25	04+15			
@TUCK, NICHOLAS (NT) 07:00 - 15:00	R	07:00	15:00	08+00			00+42	04+48			
WALKER, WESLEY (SY) 07:00 - 15:00	R	07:00	15:00	08+00			01+21	03+19			
CALBANG, ERIC (EC) 10:30 - 18:30	R	10:30	18:30								
	51	18:30	20:30	10+00			00+36	06+00			
@MILLER, LUCAS (LM) 10:35 - 18:35	R	10:35	18:35	08+00			04+37	01+27			
HINOJOSA, ARTEMIO (AT) 11:25 - 19:25	R	11:25	19:25	08+00			02+26	05+34			
ZEPEDA, STEVEN (ZA) 13:00 - 21:00	9	12:00	13:00		03+00	Leave					
	R	13:00	18:00	06+00			04+49	00+41			
PAYNE, CHRISTIAN (CP) 13:00 - 21:00	9	12:30	13:00								
	R	13:00	21:00	08+30			00+22	07+48			
@BARNETT, DANIEL (DB) 13:00 - 21:00	R	13:00	21:00	08+00			02+00	04+05			
@MARTINEZ, ERIK (EK) 13:00 - 21:00	R	13:00	21:00	08+00			00+24	05+41			
@MCHENRY, MARK (MM) 13:00 - 21:00	R	13:00	21:00	08+00			00+27	05+29			
@MCMAHON, JIM (CM) 13:00 - 21:00	R	13:00	21:00	08+00			00+27	05+10			
@MURRY, MICHAEL (MC) 13:00 - 21:00	R	13:00	21:00	08+00			00+32	04+53			
BURGER, KEVIN (KM) 13:00 - 21:00	R	13:00	21:00	08+00			00+37	04+48			
OREILLY, ROBERT (RO) 13:00 - 21:00	R	13:00	21:00	08+00			00+28	04+47			
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
WITTMAYER, DREW (DW) 13:00 - 21:00	R	13:00	21:00	08+00			00+30	04+59			
@HARRIS, DAMION (DH) 13:15 - 21:15	R	13:15	21:15	09+00			00+30	05+42			
	51	21:15	22:15								
FORT, JEREMY (JF) 13:15 - 21:15	R	13:15	21:15	08+00			00+30	04+42			
@MATHENY, CLAY (SF) 13:15 - 21:15	R	13:45	21:15	07+30	00+30	Leave	00+26	04+45			
@HARDESTY, JOSEPH (PT) 16:00 - 00:00	9	14:00	16:00	10+00			00+37	04+59			
	R	16:00	00:00								
SHEFFIELD, MATTHEW (MS) 14:15 - 22:15	R	14:15	22:15	08+00			00+32	04+32			
@TILLMAN, FRED (FD) 14:29 - 22:29	R	14:29	22:29	08+00			00+30	04+30			
LANYON, DREW (DD) 14:30 - 22:30	R	14:30	22:30	08+00			00+28	05+01			
@ENNIS, NICHOLAS (NS) 15:16 - 23:16	R	15:16	23:16	08+00			00+24	03+37			
BARTLETT, PRESTON (YO) 15:30 - 23:30	R	15:30	23:30	08+00			00+36	03+41			
URIBE, JACOB (JU) 16:00 - 00:00	R	20:00	00:00	04+00	04+00	Leave	00+12	01+21			
ROSS, DOMINIC (DC) 05:45 - 13:45					08+00	Leave	00+00	00+00			
@FULLER, DAVID (DF) 05:45 - 13:45					08+00	Leave	00+00	00+00			
TALBOTT, THOMAS (TT) 05:45 - 13:45					08+00	Leave	00+00	00+00			
@BLESSINGTON, JOHN (JB) 05:45 - 13:45					08+00	Leave	00+00	00+00			
MCCAIN, RYAN (AX) 06:00 - 14:00					08+00	Leave	00+00	00+00			
MITCHELL, ANNA (AR) 07:00 - 15:00					08+00	Leave	00+00	00+00			
@ALVIS, JORDAN (JN) 07:00 - 15:00					08+00	Leave	00+00	00+00			
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
WHITENER, JAMES (JR) 07:00 - 15:00					08+00	Leave	00+00	00+00			
NELSON, FRANK (FR) 13:15 - 21:15					08+00	Leave	00+00	00+00			
FOX, SCOTT (PP) 13:15 - 21:15					08+00	Leave	00+00	00+00			
RODRIGUEZ, KENNETH (KJ) 13:15 - 21:15					08+00	Leave	00+00	00+00			
@RILEY, PATRICK (PR) 13:15 - 21:15					08+00	Leave	00+00	00+00			
@COATES, BARRY (IA) 13:15 - 21:15					08+00	Leave	00+00	00+00			
CROTEAU, THOMAS (CU) 14:00 - 22:00					08+00	Leave	00+00	00+00			
@MENG, STEPHEN (MU) 14:30 - 22:30					08+00	Leave	00+00	00+00			
BOLECHALA, JEREMY (JK) 14:30 - 22:30					08+00	Leave	00+00	00+00			
HALL, WALTER (DN) NAS	9	05:35	05:50	00+15			00+00	00+11			
WRIGHT, JOSEPH (SX) RDO	51	07:40	17:40	10+00			00+40	06+32			
MCALLISTER, JAMES (JT) RDO	51	13:00	21:00	08+00			00+34	04+15			
WALLS, TIMOTHY (WS) RDO	97	13:30	16:30	03+00			00+00	00+00			
@SILVER, ANTHONY (AS) RDO	51	14:00	16:30	02+30			02+30	00+00			
MATHEWS, GERALD (KF) RDO	50	14:00	22:00	08+00			00+35	07+25			
@MOORE, RANDY (LE) NAS											
MERLE, ANDRE (AM) NAS											
@AURICH, BARRY (BA) RDO											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGND	HOURS POSITION DUTIES ASGND	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
@BENTON, JEREMY (JW) RDO											
@BUDAY, PAUL (XX) RDO											
@COOPER, DAMIAN (CR) RDO											
@DANIEL, DARRELL (DX) RDO											
@FLORES, GLENN (ZZ) RDO											
@FORDE, SEAN (AA) RDO											
@HERNANDEZ, ABEL (SA) RDO											
@HOWELL, JOHN (JC) RDO											
@PACHECO, MONICA (PM) RDO											
@RHODES, ADAM (AC) RDO											
@SCHMIDT, CHRISTOPHER (RI) RDO											
@SMITH, DUPREE (SD) RDO											
@SMITH, STASKY (SM) RDO											
@STEPP, MARK (ST) RDO											
@TRAPP, JERRY (EF) RDO											
@WINSLOW, WENDELL (WW) RDO											
@WOODS, JEFFREY (DA) RDO											
ALDERETE, JOSHUA (JA) RDO											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE		
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES		
BELLESEN, KENNETH (BN) RDO											
BLAIR, CHRISTOPHER (CB) RDO											
BRENNAN, JEFFREY (JY) RDO											
COLE, TODD (TC) RDO											
COLON, EDGARDO (EJ) RDO											
FRENCH, STEPHEN (FH) RDO											
GOLDMAN, JEFFREY (JG) RDO											
HUBBARD, JASON (HD) RDO											
HUDZINSKI, FRANK (QU) RDO											
LONG, KEVIN (KD) RDO											
LOUT, RONALD (LR) RDO											
REED, TIMOTHY (TR) RDO											
SMITH, PATRICK (PK) RDO											
STACHOWIAK, ANDREW (AJ) RDO											
SUTPHIN, STEVE (SS) RDO											
TILLERY, FREDDIE (TJ) RDO											
TOWNS, KYMBERLEE (KT) RDO											
WARFIELD, DENNIS (DE) RDO											
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS	

THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT
(Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE			
		ASW		I90		OPERATIONS			MONTH: FEB	DAY: 23	YEAR: 2019	
NAME	CODE	TIME ON	TIME OFF	HOURS ON DUTY	HOURS ON LEAVE	LEAVE TYPE	HOURS NON POSITION DUTIES ASGNDE	HOURS POSITION DUTIES ASGNDE	REMARKS FOR: ALL ABSENCES FROM FACILITY, TRNG, TDY AND NON POSITIONAL DUTIES			
WHITE, TONY (TW) RDO												
YBARRA, ALFONSO (ZO) RDO												
SUPERVISORY CERTIFICATE	NAME	CODE	TIME ON	TIME OFF	INTLS	NAME	CODE	TIME ON	TIME OFF	INTLS		
THE SIGNATURES ABOVE CERTIFY THAT THE ABOVE ENTRIES ARE CORRECT (Signatures and times in charge are noted on FAA Form 7230-4, Daily Record of Facility Operation)												

Form 7230-4 (Dec 08)

Official Version

FOR OFFICIAL USE ONLY Public Availability to be determined under 5 U.S.C. 552

SECTION 6.
FAA Form(s) 7230-10, Position Log, or automated equivalent

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@C-N	CI	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
06:00		05:59		(9) POSITION IDENTIFIER	(10) Position Type
				@R	SR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@M	DR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		13:31		@W	DR
13:32	NT	14:40	T		
13:32	RJ	14:40	C		
14:41	PA	15:18	C		
15:19	TL	15:45	C		
15:46	NT	17:14	T		
15:46	RJ	17:14	C		
17:15	FS	18:11	T		
17:15	TH	18:11	C		
18:12	PA	19:25	C		
19:26	DH	21:13	C		
21:14	EK	22:34	C		
22:35	DB	23:30	C		
23:31		03:55		@R	SR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@M	DR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
03:56		05:59		@W	DR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@P	SR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		17:36		@W	DR
17:37	DS	19:10	C		
19:11	MM	21:06	C		
21:07	MC	21:21	C		
21:22	NS	22:50	C		
22:51	DH	23:31	C		
23:32		05:59		@W	DR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

19-002-190

Attachment 3- Aircraft Accident Package
GTI3591

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log						
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
I90	@R	SR	2/23/19			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	
06:00		13:36		@W	DR	
13:37		17:48		@M	DR	
17:49	RM	18:02	C			
18:03	NT	18:59	T			
18:03	RJ	18:59	C			
19:00	RJ	19:05	C			
19:06	EK	20:37	C			
20:38	FD	21:47	C			
21:48	PT	21:59	C			
22:00	PT	23:09	C			
23:10	EK	00:20	C			
00:21	FD	01:21	C			
01:22	MM	02:25	C			
02:26	DH	03:14	C			

CODE:
C - ATCS/ATA M - Trainee/ Developmental Monitoring
S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
T - Trainee/Developmental Evaluation

Position Log						
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	

CODE:
C - ATCS/ATA M - Trainee/ Developmental Monitoring
S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
T - Trainee/Developmental Evaluation

Position Log						
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
I90	@R	SR	2/23/19			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	
03:15	DH	03:55	C			
03:56		05:59		@W	DR	

CODE:
C - ATCS/ATA M - Trainee/ Developmental Monitoring
S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
T - Trainee/Developmental Evaluation

Position Log						
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	

CODE:
C - ATCS/ATA M - Trainee/ Developmental Monitoring
S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
T - Trainee/Developmental Evaluation

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@T	FR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		11:00		@M	DR
11:01		12:43		@W	DR
12:44		13:32		@N	AR
13:33		05:59		@U	AR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) 19-002-190

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I 90	@U	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		10:58		@M	DR
10:59		12:43		@W	DR
12:44		13:30		@N	AR
13:31	KC	14:41	C		
14:42	RM	15:28	C		
15:29	KC	16:47	C		
16:48	LM	18:05	C		
18:06	RM	18:52	C		
18:53	TH	18:59	C		
19:00	TH	19:48	C		
19:49	RZ	21:47	C		
21:48	MM	22:56	C		
22:57	BS	00:13	C		
00:14	DH	00:53	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I 90	@U	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
00:54	EK	02:30	C		
02:31		05:59		@R	SR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 2

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I 90	@W	DR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00	DN	08:32	S		
08:33	LE	11:00	C		
11:01	KC	11:44	C		
11:45	KC	12:24	C		
12:25	TX	12:44	C		
12:45	TX	13:37	C		
13:38	RW	14:47	C		
14:48	TH	14:51	C		
14:52	FS	16:26	T		
14:52	TH	16:26	C		
16:27	CJ	17:30	C		
17:31	KC	19:02	C		
19:03	DB	20:11	C		
20:12	PT	21:13	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I 90	@W	DR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
21:14	DB	22:00	C		
22:01	MC	23:31	C		
23:32	MM	00:46	C		
00:47	DB	00:54	C		
00:55	DH	01:04	C		
01:05	NS	01:24	C		
01:25	MC	02:23	C		
02:24	PT	02:48	C		
02:49	FD	03:54	C		
03:55	NS	04:39	C		
04:40	PT	05:47	C		
05:48	PA	05:59	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 2
19-002-190

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@X	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		12:43		@W	DR
12:44		19:15		@N	AR
19:16	TL	19:48	C		
19:49	DS	20:24	C		
20:25		20:43		@N	AR
20:44	DB	21:10	C		
21:11		22:46		@N	AR
22:47	CM	00:12	C		
00:13	SF	00:44	C		
00:45	MC	00:51	C		
00:52	BS	02:17	C		
02:18	CM	02:30	C		
02:31		05:59		@U	AR
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	@Z	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		10:58		@M	DR
10:59		12:43		@W	DR
12:44		13:32		@N	AR
13:33		05:59		@U	AR
CODE:					
C - ATCS/ATA			M - Trainee/ Developmental Monitoring		
S - Supervisor/Staff Spec.			R - Trainee/ Developmental Certification/ Evaluation		
T - Trainee/Developmental					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE:					
C - ATCS/ATA			M - Trainee/ Developmental Monitoring		
S - Supervisor/Staff Spec.			R - Trainee/ Developmental Certification/ Evaluation		
T - Trainee/Developmental					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE:					
C - ATCS/ATA			M - Trainee/ Developmental Monitoring		
S - Supervisor/Staff Spec.			R - Trainee/ Developmental Certification/ Evaluation		
T - Trainee/Developmental					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE:					
C - ATCS/ATA			M - Trainee/ Developmental Monitoring		
S - Supervisor/Staff Spec.			R - Trainee/ Developmental Certification/ Evaluation		
T - Trainee/Developmental					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	A	FR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		08:33		L	DR
08:34		13:03		@W	DR
13:04		13:26		D	AR
13:27		13:40		O	FR
13:41	GO	14:52	C		
14:53		15:22		D	AR
15:23	TX	15:48	C		
15:49	DS	16:53	C		
16:54	SC	17:30	C		
17:31		18:41		I	FR
18:42	GO	19:01	C		
19:02	MC	19:48	C		
19:49	SF	21:10	C		
21:11	JT	21:52	C		

CODE:
C - ATCS/ATA
S - Supervisor/Staff Spec.
T - Trainee/Developmental

M - Trainee/ Developmental Monitoring
R - Trainee/ Developmental Certification/ Evaluation

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type

CODE:
C - ATCS/ATA
S - Supervisor/Staff Spec.
T - Trainee/Developmental

M - Trainee/ Developmental Monitoring
R - Trainee/ Developmental Certification/ Evaluation

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	A	FR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
21:53	DH	22:45	C		
22:46	DD	00:06	C		
00:07	MC	00:42	C		
00:43	YO	01:22	C		
01:23	SF	02:27	C		
02:28		03:53		D	AR
03:54		05:59		L	DR

CODE:
C - ATCS/ATA
S - Supervisor/Staff Spec.
T - Trainee/Developmental

M - Trainee/ Developmental Monitoring
R - Trainee/ Developmental Certification/ Evaluation

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type

CODE:
C - ATCS/ATA
S - Supervisor/Staff Spec.
T - Trainee/Developmental

M - Trainee/ Developmental Monitoring
R - Trainee/ Developmental Certification/ Evaluation

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	C-B	CI	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		05:59		B	SR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I 90	C-E	CI	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
06:00		05:59		(9) POSITION IDENTIFIER	(10) Position Type
				E	DR
CODE: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental </div> <div style="width: 30%;"> M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation </div> </div>					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental </div> <div style="width: 30%;"> M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation </div> </div>					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental </div> <div style="width: 30%;"> M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation </div> </div>					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental </div> <div style="width: 30%;"> M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation </div> </div>					

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	C-H	CI	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	(10) Position Type
06:00		05:59		H	SR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
I90	C-L	CI	2/23/19			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	
06:00		05:59		L	DR	

CODE:
 C - ATCS/ATA M - Trainee/ Developmental Monitoring
 S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
 T - Trainee/Developmental Evaluation

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	

CODE:
 C - ATCS/ATA M - Trainee/ Developmental Monitoring
 S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
 T - Trainee/Developmental Evaluation

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	

CODE:
 C - ATCS/ATA M - Trainee/ Developmental Monitoring
 S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
 T - Trainee/Developmental Evaluation

Position Log

(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE			
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined		
				(9) POSITION IDENTIFIER	(10) Position Type	

CODE:
 C - ATCS/ATA M - Trainee/ Developmental Monitoring
 S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/
 T - Trainee/Developmental Evaluation

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	D	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
06:00		08:33		(9) POSITION IDENTIFIER	(10) Position Type
08:34		10:58		@W	DR
10:59		11:59		L	DR
12:00	GI	13:02	C		
13:03	JJ	13:03	C		
13:04	JJ	14:10	C		
14:11	GQ	15:24	C		
15:25	SC	15:31	C		
15:32	SY	15:45	C		
15:46	EX	15:46	T		
15:46	LD	15:46	C		
15:47		15:50		L	DR
15:51	EX	16:36	T		
15:51	SY	16:36	C		
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	D	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
03:54		05:59		(9) POSITION IDENTIFIER	(10) Position Type
				L	DR
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	D	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
16:37	EC	17:33	C	(9) POSITION IDENTIFIER	(10) Position Type
17:34	IV	18:14	C		
18:15	NH	18:57	C		
18:58	JJ	19:07	C		
19:08	JJ	19:47	C		
19:08	KM	19:47	T		
19:48	EC	20:38	C		
20:39	SX	21:39	C		
21:40	SX	22:11	C		
22:12	RO	23:35	C		
23:36	MS	00:38	C		
00:39	EC	01:57	C		
01:58	JF	02:25	C		
02:26	DD	03:53	C		
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA M - Trainee/ Developmental Monitoring S - Supervisor/Staff Spec. R - Trainee/ Developmental Certification/ T - Trainee/Developmental Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	E	DR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		10:58		@W	DR
10:59		05:59		L	DR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

19-002-190

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	FD	DI	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		05:59		Closed	
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	G	AR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		12:10		L	DR
12:11		13:03		D	AR
13:04		13:40		D	AR
13:41	SY	13:43	C		
13:44	EX	14:29	T		
13:44	SY	14:29	C		
14:30		03:53		D	AR
03:54		05:59		L	DR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	I	FR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
06:00		10:58		G	AR
10:59		12:01		@W	DR
12:02	PA	13:03	C		
13:04		13:26		D	AR
13:27		13:52		O	FR
13:53	DS	14:30	C		
14:31		14:52		O	FR
14:53		15:22		D	AR
15:23		15:32		A	FR
15:33	RW	16:48	C		
16:49	JJ	18:01	C		
18:02	ZA	18:42	C		
18:43	LM	18:52	C		
18:53	GQ	19:21	C		
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

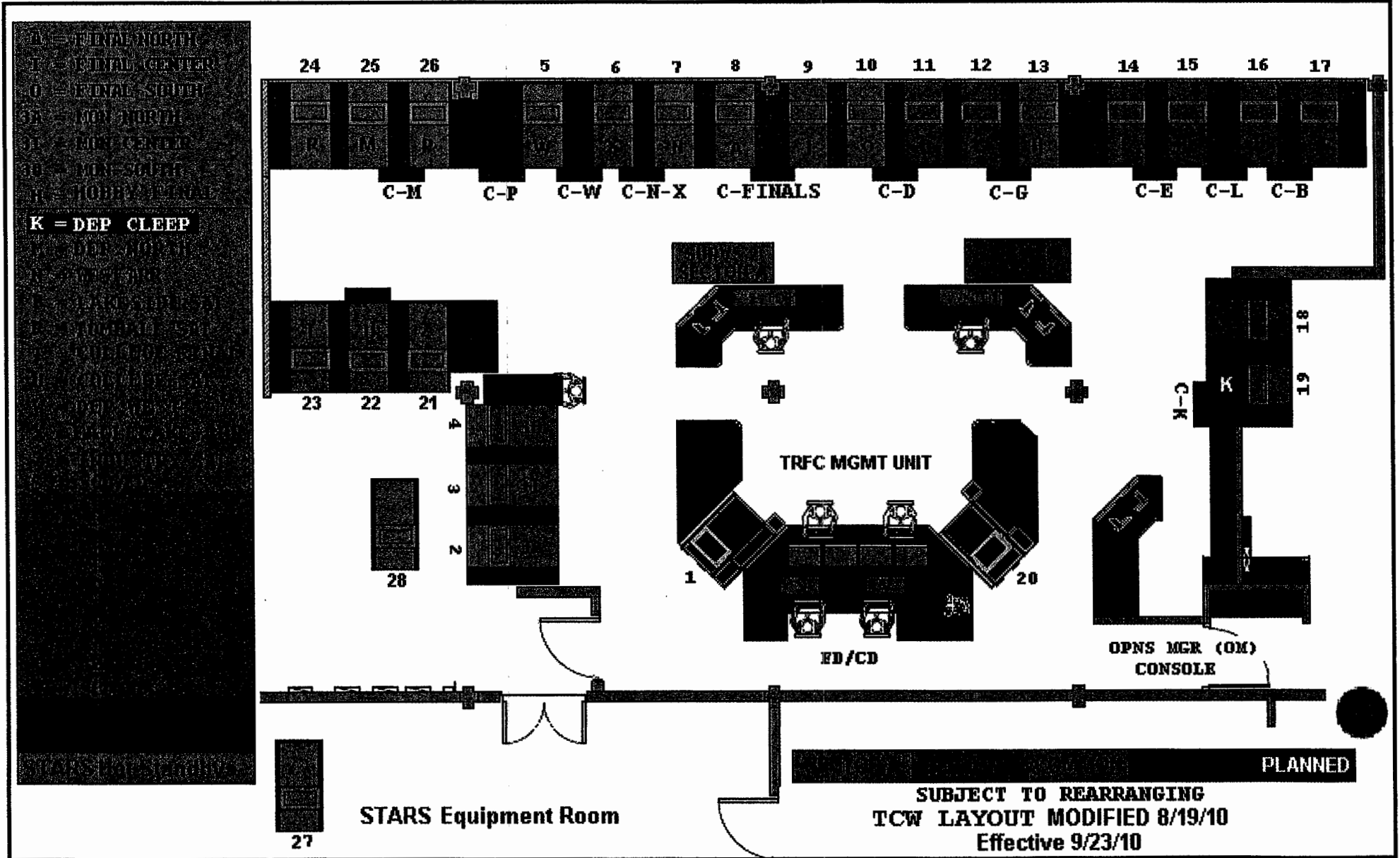
Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
I90	I	FR	2/23/19		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
19:22	JT	19:54	C		
19:55		20:35		A	FR
20:36	DD	21:31	C		
21:32		22:22		A	FR
22:23	FD	22:48	C		
22:49	SX	23:22	C		
23:23	NS	00:25	C		
00:26	DW	01:04	C		
01:05		02:27		A	FR
02:28		05:59		D	AR
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

Position Log					
(1) FACILITY ID	(2) POSITION IDENTIFIER	(3) Pos	(4) DATE		
(5) TIME ON	(6) INITIALS	(7) TIME OFF	(8) CODE	Where Combined	
				(9) POSITION IDENTIFIER	(10) Position Type
CODE: C - ATCS/ATA S - Supervisor/Staff Spec. T - Trainee/Developmental M - Trainee/ Developmental Monitoring R - Trainee/ Developmental Certification/ Evaluation					

SECTION 7.
Facility Layout Chart(s)

HOUSTON TRACON I90



SECTION 8.
Flight Progress Strip(s) and/or In-Flight Contact Record(s)

Flight Progress Strip

I90 Houston Tracon February 23, 2019 1839 UTC

314	GTI3591	H/B763/L	Ø75Ø 46Ø	LEV16ØØ16	E1759	34Ø	KHIA./	LEV16ØØ16	.
GIRLY-LINKK1	KIAH	Ø	EMERG CTC	9147Ø18Ø45	TCAS II	EQUIPPED			

294517 / 094440Z
N W

19-002-I90

GTI3591

SECTION 9.

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

1001

Aircraft Identification
GTI 3591
Date
2-23-19
Airport
IAH

FACILITY ACCIDENT/INCIDENT NOTIFICATION RECORD

ALNOT ZHW 1841 MR

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

	Phone No	Time	Initials	
			Caller	Recipient
Airport Emergency Equipment	Station 54 Station 92	↑ 911 calls ↓		
Additional Emergency Equipment	Station 99			
Search and Rescue				
*Washington Operations Center (WOC)				
Region Operations Center (ROC)		1847	MR	
Domestic Events Network (DEN)		1844	MR	
Air Traffic Manager	Bob Morris	1844	AT	
Flight Standards District Office (FSDO)		VIA FIDO		
System Safety Investigations		✓		
National Transportation Safety Board (NTSB)		✓		
System Maintenance Organization Manager	Carl Pascoe	VIA MOCC		
Law Enforcement	Texas DPS Airport Police	CALL US (911 calls)		
National Weather Service (NWS)		VIA ZHW	MR	
Military Authority	ZHU EFDATM	NIA		
Airport Authority		1901	MR	
Aircraft Operator	Airport Ops	1859	XL	
Operational Control Center (OCC)	MOCC	1902	AT	
Staff Manager		NIA		
Operations Manager		NIA		
NATCA Facility Rep.	Anthony Silver	1855	AT	
IAH ATM	Boyd Martin	1844	AT	
FT Worth AFSS		1903	MR	
FBI		1905	XL	
Landside Supervisor		1908	AT	
NWS AOMC		1908	XL	
COAST		1915	ME	

Form Updated by (Name, Title, Facility): Tim Walls SM 190/QC Date: 07/25/2018
*Accidents requiring telephone notification to Washington shall be made immediately following notification for emergency equipment and/or search and rescue.

FAA Form 8020-3 (12-10) Supersedes Previous Edition

SECTION 10.
Weather Products

Houston Intercontinental TRACON

Weather Products 2/23/2019 UTC

METAR KEFD 231750Z 31014G22KT 5SM BR BKN015 BKN025 23/21 A2992

METAR KEFD 231850Z 31010KT 10SM BKN250 25/14 A2992

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



Freddie Tillery
Staff Specialist
Houston Intercontinental TRACON

SECTION 11.
NOTAMs

UAUS10 KAIS 231842
BPT UA /OV 25 N BPT/TM 1838/FL80/TP BE36/TB MOD =

UAUS10 KAIS 231723
IAH UA /OV 10 E IAH/TM 1720/FLDURD/TP B737/TB MOD TURB AT 020 ON
FINAL =

19-002-I90

GTI3591

Attachment 3- Aircraft Accident Package

022319wx.txt

METAR KIAH 231855Z AUTO 32009KT 10SM SCT035 21/12 A2991
METAR KIAH 231853Z 32011G19KT 10SM SCT035 BKN080 BKN250 21/12 A2991 RMK AO2 SLP129
T02110117
METAR KIAH 231850Z AUTO 32015KT 10SM SCT035 SCT060 BKN080 21/12 A2991
METAR KIAH 231845Z AUTO 32014KT 10SM SCT035 SCT060 BKN080 22/12 A2991
METAR KIAH 231840Z AUTO 31012KT 10SM SCT035 SCT060 BKN080 22/12 A2991
METAR KIAH 231835Z AUTO 30011KT 10SM SCT035 SCT060 BKN080 22/12 A2991
METAR KIAH 231830Z AUTO 32014KT 10SM FEW035 SCT060 BKN080 22/11 A2991
METAR KIAH 231825Z AUTO 32015KT 10SM FEW035 SCT060 BKN080 22/11 A2991
METAR KIAH 231820Z AUTO 32015KT 10SM FEW035 SCT060 BKN080 23/12 A2991
METAR KIAH 231815Z AUTO 31014KT 10SM FEW035 SCT060 BKN080 23/12 A2991
METAR KIAH 231810Z AUTO 31017KT 10SM FEW035 SCT060 BKN080 22/12 A2991
METAR KIAH 231805Z AUTO 32016KT 10SM FEW035 SCT060 BKN080 22/12 A2991
KIAH 231802Z 32015G24KT 10SM FEW035 SCT060 BKN080 BKN250 22/12 A2992 RMK AO2
T02220117
METAR KIAH 231800Z AUTO 32016KT 10SM CLR 22/12 A2992

KEFD 231850Z 31010KT 10SM BKN250 25/14 A2992
METAR KEFD 231750Z 31014G22KT 5SM BR BKN015 BKN025 23/21 A2992

METAR KLVJ 231855Z AUTO 32012KT 10SM CLR 22/14 A2991
METAR KLVJ 231853Z AUTO 32011KT 10SM FEW055 23/14 A2991 RMK AO2 PK WND 27030/1757
WSHFT 1752 RAE1757 SLP127 P0000 T02280144
METAR KLVJ 231850Z AUTO 32013KT 10SM FEW042 FEW055 22/14 A2991

METAR KHOU 231900Z AUTO 31014KT 10SM CLR 23/12 A2990
METAR KHOU 231855Z AUTO 32014KT 10SM CLR 23/13 A2990
METAR KHOU 231853Z 32014G19KT 10SM BKN250 23/13 A2990 RMK AO2 WSHFT 1740 RAE1754
SLP128 VCSH NE-SE P0000 T02280128
METAR KHOU 231850Z AUTO 33012G19KT 10SM CLR 23/13 A2989
METAR KHOU 231845Z AUTO 32015KT 10SM SCT021 SCT028 BKN039 23/13 A2989
METAR KHOU 231840Z AUTO 31011KT 10SM SCT021 SCT028 BKN039 23/13 A2989
METAR KHOU 231835Z AUTO 31013KT 10SM SCT021 SCT028 BKN039 23/14 A2990
METAR KHOU 231830Z AUTO 30014KT 10SM SCT021 SCT028 BKN039 23/14 A2990
METAR KHOU 231825Z AUTO 30014KT 10SM SCT021 SCT028 BKN039 23/14 A2990
METAR KHOU 231820Z AUTO 30013G18KT 10SM SCT021 SCT028 BKN039 22/13 A2989
METAR KHOU 231815Z AUTO 31017KT 10SM SCT021 SCT028 BKN039 22/14 A2989
METAR KHOU 231810Z AUTO 30010KT 10SM SCT021 SCT028 BKN039 22/14 A2990
METAR KHOU 231805Z AUTO 31012G17KT 10SM SCT021 SCT028 BKN039 22/15 A2990
METAR KHOU 231800Z AUTO 31013KT 10SM SCT021 SCT028 BKN039 21/15 A2989 RMK AO2 WSHFT
1740 RAE1754 VCSH NE-SE P0000 T02110150

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)

19-002-190

GTI3591