

WPR22FA345

AIR TRAFFIC CONTROL

Group Chair's Factual Report - Attachment 2

Aircraft Accident Package

August 9, 2024



Federal Aviation Administration

Memorandum

Date: October 11, 2022

To: Clark Desing, Director, Western Service Center

DIANNA
JOHNSTON

Digitally signed by
DIANNA JOHNSTON
Date: 2022.10.11
11:43:30 -07'00'

From: Dianna Johnston, Manager, Los Angeles Air Route Traffic
Control Center

Subject: **INFORMATION:** Certification Statement
Aircraft Accident, N43605
Seligman, AZ, September 13, 2022

I certify that aircraft accident package, 22-002-ZLA, has been
reviewed and is complete.

22-002-ZLA
N43605

Copy

Aircraft Accident Package

22-002-ZLA

N43605, PA46

September 13, 2022, 1800 UTC

Destroy: September 13, 2027 UTC

SECTION 1.
Table of Contents

22-002-ZLA
N43605

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.	Weather Products
SECTION 9.	Other

SECTION 2.

FAA Form 8020-6, Report of Aircraft Accident, and

FAA Form(s) 8020-6-1, Report of Aircraft Accident (Continuation Sheet)

22-002-ZLA

N43605

FAA Form 8020-6, Report of Aircraft Accident

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		REPORT DATE October 12, 2022	REPORT NO. 22-002-ZLA				
REPORT OF AIRCRAFT ACCIDENT		NAME OF REPORTING FACILITY Los Angeles ARTCC (ZLA)					
1. AIRCRAFT IDENTIFICATION AND TYPE N43605, PA46	2. DATE/TIME OF ACCIDENT (UTC) September 13, 2022; 1800 UTC	3. LOCATION OF ACCIDENT: CITY, STATE (MAND) Seligman, AZ					
4. NATURE OF ACCIDENT Aircraft crashed under unknown circumstances.		LATITUDE/LONGITUDE (OPTL) Unknown					
		5. TYPE OF FLIGHT VFR Flight Plan					
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	Wilson Allen	Pilot	Wichita Falls, TX			X	
7. PASSENGER DATA	NUMBER ABOARD AIRCRAFT 1	NUMBER UNINJURED 0	NUMBER INJURED 0	NUMBER FATALITIES 1			
8. AIRCRAFT DAMAGE Destroyed			9. PROPERTY DAMAGE Unknown				
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Unknown							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT GRAND CANYON METAR - 1754 UTC: wind calm, visibility one zero statute miles, few clouds four thousand eight hundred, ceiling one one thousand broken, temperature one six, dew point one three, altimeter three zero one nine						
	FIRST REPORT SUBSEQUENT TO ACCIDENT GRAND CANYON METAR - 1854 UTC: wind two one zero at one zero, visibility one zero statute miles, thunderstorm, few clouds two thousand seven hundred, few clouds three thousand seven hundred, one zero thousand scattered, temperature one nine, dew point one two, altimeter three zero one seven						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION	CHECK IF EYEWITNESS			
	Jasmin Buckner *(JF)	ZLA ARTCC	8 R				
	Jennifer Shuman (JU)	ZLA ARTCC	8 R				
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Dianna Johnston		DIANNA JOHNSTON		Digitally signed by DIANNA JOHNSTON Date: 2022.10.12 13:49:37 -07'00'			

FAA Form 8020-6 (4-17) Supersedes Previous Edition

Electronic Version

22-002-ZLA

N43605

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE October 05, 2022	REPORT NO. 22-002-ZLA
	NAME OF REPORTING FACILITY Albuquerque ATCT (ABQ)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT
September 13, 2022

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1459 N43605 checks in with ABQ Radar Position 1 South (1S). Double Eagle Airport (AEG) Automatic Terminal Information Service (ATIS) Y and ABQ altimeter issued by 1S. 1S advises N43605 to maintain Visual Flight Rules (VFR) at or above 9,500 feet Mean Sea Level. N43605 acknowledges.

1505 1S advises N43605 to re-verify AEG ATIS Y. N43605 advises 1S that AEG ATIS Y is received.

1508 1S deletes N43605 VFR altitude restriction. N43605 acknowledges.

1510 N43605 reports AEG airport in sight and 1S switches N43605 to AEG Tower frequency, 120.15. N43605 acknowledges and complies.

1614 N43605 is airborne from AEG and checks in with 1S on 123.9. No response from 1S due to frequency congestion.

1617 1S reaches out to N43605, verifies N43605's altitude, radar identifies N43605, issues ABQ altimeter, and issues a Flight Following code for Henderson (HND).

1619 1S issues traffic to N43605 and instructs N43605 to turn 20 degrees left to de-conflict. With traffic de-conflicted, 1S switches N43605 to Albuquerque Center (ZAB) sector 17 on 124.32. N43605 acknowledges and changes frequency.

No More Follows

FAA Form 8020-6-1
22-002-ZLA
N43605

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE October 13, 2022	REPORT NO. 22-002-ZLA
	NAME OF REPORTING FACILITY Albuquerque ARTCC (ZAB)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT
September 13, 2022

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1619 ZAB Sector 17 (R17) accepted the handoff from Albuquerque ATCT for N43605.

1620 N43605 checked on with R17. R17 acknowledged and requested altitude. N43605 currently at 13,900 feet but would like to descend below clouds. R17 issued the Albuquerque altimeter and issued traffic at 12,400 feet. N43605 acknowledged and stated they would stay at their current altitude due to the traffic.

1621 R17 advised N43605 traffic was no longer a factor and altitude was their discretion. N43605 acknowledged.

1648 R17 issued N43605 traffic, N43605 acknowledged.

1650 R17 advised N43605 traffic no longer a factor. N43605 no response. R17 repeats, no response.

1655 R17 initiated a handoff on N43605 to ZAB Sector 43 (R43), combined with ZAB Sector 45 (R45).

1659 R43 accepted the handoff. R17 issues N43605 frequency change.

1700 N43605 checked on with R43. R43 acknowledges and issues Winslow-Lindbergh Regional Airport altimeter. R43 advised N43605 that Visual Flight Rules (VFR) altitude was pilot's discretion. N43605 acknowledged.

1706 R43 begins briefing to split R45. N43605 is transferred to R45.

1716 R45 initiated a handoff to Los Angeles ARTCC (ZLA) Sector 8 (R8).

1719 N43605 advised R45 they were climbing to avoid weather. R45 requested current altitude and what they were going to. N43605 replied 12,500 feet, going to 16,500 feet. R45 acknowledged. NOTE: The radar showed N43605 at 15,600 at the time.

1735 N43605 advised they were climbing to 17,500 feet (radar showed them at 17,900 feet) and deviate south for the clouds. R45 advised N43605 would have to deviate south past Prescott (PRC) into the Gladden and Bagdad Military Operation Areas (MOAs) to get around the weather. R45 advised that if N43605 were to turn back towards their destination, weather was better and easier to pick through. N43605 acknowledged they would go

FAA Form 8020-6-1

22-002-ZLA
N43605

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE October 13, 2022	REPORT NO. 22-002-ZLA
	NAME OF REPORTING FACILITY Albuquerque ARTCC (ZAB)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT

around the weather right in front of them and then turn back on course.

1741 R45 asked N43605 how they hear. N43605 replied loud and clear. R45 told N43605 to contact ZLA R8. N43605 acknowledged.

No More Follows

FAA Form 8020-6-1

22-002-ZLA

N43605

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE October 12, 2022	REPORT NO. 22-002-ZLA
	NAME OF REPORTING FACILITY Los Angeles ARTCC (ZLA)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT
September 13, 2022

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1741 N43605 checked on with ZLA Sector 8 (R8) without handoff from Albuquerque ARTCC (ZAB), ZLA R8 requested N43605 to say again. N43605 states their callsign once more. ZLA R8 does not respond to N43605.

1744 ZLA R8 called ZAB Sector 45, stated N43605 is radar contact. ZLA R8 issued the Grand Canyon National Park Airport altimeter to N43605 and the pilot acknowledged.

1755 ZLA R8 notified N43605 of depicted precipitation. N43605 acknowledged and stated they'd been able to dodge so far but they were getting bigger.

1803 ZLA R8 questioned N43605 if they needed assistnace since they changed course. N43605 does not respond. ZLA R8 reached out to N43605 two more times with no response.

1804 ZLA R8 attempted to reach N43605 twice with no response.

1805 ZLA R8 asked N8909M if they could hear N43605. N8909M stated negative.

1807 ZLA R8 attempted to reach N43605 twice more with no response. ZLA R8 asks N8909M if they hear an Emergency Locator Transmitter (ELT) or see anything. N8909M said negative.

1808 ZLA R8 attempted to reach N43605 mutliple times with no response.

1810 ZLA R8 asked N77MA to advise if they could hear an ELT. N77MA acknowledged.

1811 ZLA R8 reached out to N43605 multiple times over the next several minutes with no response.

1817 ZLA R8 attempted to reach N43605 with no response.

No More Follows

FAA Form 8020-6-1
22-002-ZLA
N43605

SECTION 3.
Review of Services Memoranda

22-002-ZLA
N43605



Federal Aviation Administration

Memorandum

Date: October 05, 2022

To: Los Angeles Air Route Traffic Control Center
Aircraft Accident File 22-002-ZLA

From: Jeremy Brumley, Acting Manager, **JEREMY P
BRUMLEY** Digitally signed by
JEREMY P BRUMLEY
Date: 2022.10.05
12:23:10 -06'00'

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, N43605
Seligman, AZ, September 13, 2022

ABQ ATCT conducted a review of services concerning N43605 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 of the original 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
STARS Radar Data
STARS Adaptation File
System Service Review
DALR Incident Export Files
TRACON Plot Playback File (PPB)
STARS Extracted Data Files
Pre-Duty Weather Completion Log(s)

22-002-ZLA
N43605



Federal Aviation Administration

Memorandum

Date: September 21, 2022

To: Los Angeles Air Route Traffic Control Center
Aircraft Accident File 22-002-ZLA

Phil Spikes, Manager,

PHILLIP C
SPIKES

Digitally signed by
PHILLIP C SPIKES
Date: 2022.09.21
13:08:18 -06'00'

From: Albuquerque Air Route Traffic Control Center, ZAB ARTCC

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, N43605
Seligman, AZ, September 13, 2022

ZAB ARTCC conducted a review of services concerning N43605 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 of the original 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 7230-4

FAA Form 8020-6-1

Input Output Log Report

National Track Analysis Report

SATORI

Surveillance Track History Report

Weather Data

ERAM SAR Files

ERAM Radar Files

Falcon Bookmark

Email(s)

DALR Incident Export Files

Pre-Duty Weather Briefing Product(s)

Pre-Duty Weather Completion Log(s)

22-002-ZLA

N43605



Federal Aviation Administration

Memorandum

Date: October 18, 2022

To: Los Angeles Air Route Traffic Control Center
Aircraft Accident File 22-002-ZLA

Dianna Johnston, Manager,

DIANNA
JOHNSTON

Digitally signed by
DIANNA JOHNSTON
Date: 2022.10.18
13:26:16 -0700

From: Los Angeles Air Route Traffic Control Center, ZLA ARTCC

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, N43605
Seligman, AZ, September 13, 2022

ZLA ARTCC conducted a review of services concerning N43605 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 of the original are on file at this facility.

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

FAA Form 8020-6-1

FAA Form 8020-9

Facility Layout Chart(s)

Input Output Log Report

Mandatory Occurrence Report

National Track Analysis Report

Personnel Log(s)

SATORI

Surveillance Track History Report

Weather Data

ERAM SAR Files

Covered Event Review

Email(s)

DALR Incident Export Files

UTC Time Conversion Chart

22-002-ZLA

N43605

Pre-Duty Weather Briefing Product(s)
Pre-Duty Weather Completion Log(s)
SatoriE Copy(ies) of Voice Recording(s)

22-002-ZLA
N43605

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

22-002-ZLA
N43605

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 3
				DATE Sep 13, 2022
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY [REDACTED]
Palmdale, CA	ZLA	ARTCC	Watch Desk	AIR TRAFFIC MANAGER Dianna L. Johnston
UTC TIME	REMARKS			
0700	BRYAN PARK ON. WCLC. CFPL: BEACON CODES 1470-1477 ALLOCATED TO CA NATIONAL GUARD FOR PRESIDENTIAL BORDER PATROL ORDER. POC FAA DAN HICKEN # [REDACTED] UFN. CFPL: LOSS OF CURRENCY FOR JUSTIN BONANNO CFPL: LOSS OF CURRENCY FOR FEBRUARY JASON SCOTT. CFPL: LOSS OF CURRENCY FOR APRIL 2021 KITO WEAVER. CFPL: LOSS OF CURRENCY FOR JULY (AREA A) ANTHONY GERMANN. CFPL: LOSS OF CURRENCY FOR OCTOBER SHAWN MALY CFPL: LATE ENTRY FOR 11/1/21: LOSS OF CURRENCY FOR OCTOBER (AREA A) STEVE ELIKAN CFPL: LATE ENTRY FOR 12/1/22: LOSS OF CURRENCY FOR NOVEMBER SARAH WAHL. CFPL: LOSS OF CURRENCY FOR MARCH 2022 - MELISSA HAAK CFPL: LOSS OF CURRENCY FOR MARCH 2022 - NICHOLAS TOMASZEWSKI CFPL: LOSS OF CURRENCY FOR JUNE JOE ARTURE. CFPL: B/4 LHS BUEC (FOR QQM RCAG) OTS 125.8/307.1 - NO ETA. CFPL: LOSS OF CURRENCY FOR JULY NATE PAIR. CFPL: LOSS OF CURRENCY FOR JULY KARENA MARINAS. CFPL: LOSS OF CURRENCY FOR JULY STEPHEN SNYDER. CFPL: S28 132.15 STATIC ON MAIN & STBY ACN. CFPL: LOSS OF CURRENCY FOR AUGUST FELIPE CUEVAS. CFPL: LOSS OF CURRENCY FOR AUGUST ROBERT HONGKHAM. CFPL: GPS 22-45, ALL AREAS, HEC336034, 1031Z-1259Z DAILY UNTIL 09/09-09/12. POC-ROBERT COFFEL, SB- [REDACTED], BU- [REDACTED] OR [REDACTED] CFPL: PSP M/S 133.75/353.6 OTS UFN. CFPL: FDC 2/5719 ZLA CA..AIRSPACE 5NM S BIG BEAR CITY, CA..TFR, WI AN AREA BOUNDED BY 341415N1165715W (PSP297034.2) TO 341415N1164730W (PSP308028.5) TO 340830N1164730W (PSP299024.3) TO 340830N1165600W (PSP290029.9) BACK TO POINT OF ORIGIN SFC-13000FT. US FOREST SERVICE SAN BERNARDINO TEL [REDACTED] OR FREQ 134.825/RADFORD FIRE IS IN CHARGE OF THE OPS. CFPL: !FDC 2/5813 REPLACES ! FDC 2/5006 ZLA CA..AIRSPACE SE OF HEMET, CA..TEMPORARY FLIGHT RESTRICTIONS WI AN AREA DEFINED AS 334345N1165300W (PSP237024.2) TO 334530N1164930W (PSP238020.9) TO 334330N1164330W (PSP227017.1) TO 333400N1164330W (PSP206023.4) TO 333600N1170000W (PSP227032.8) TO 334330N1165900W (PSP240029.0) TO POINT OF ORIGIN SFC-9000FT TO PROVIDE A SAFE ENVIRONMENT FOR FIRE FIGHTING AVIATION OPS. PURSUANT TO 14 CFR SECTION 91.137(A) (2) TEMPORARY FLIGHT RESTRICTIONS ARE IN EFFECT. CALFIRE RIVERSIDE UNIT TEL [REDACTED] OR FREQ 133.225/FAIRVIEW FIRE IS IN CHARGE OF THE OPS. LOS ANGELES/ZLA/ARTCC TEL [REDACTED] IS THE FAA CDN FACILITY. 2209121300-2210090400. CFPL: S4 QMM 125.8/307.1 M/ST TX/RX OTS. CFPL: S13 QMM 132.6/351.8 M/ST TX/RX OTS. CFPL: S14 135.5/327.1 QMM BUEC OTS.			
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) [REDACTED]		

FAA Form 7230-4

22-002-ZLA
N43605

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 2 of 3
				DATE Sep 13, 2022
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY
Palmdale, CA	ZLA	ARTCC	Watch Desk	AIR TRAFFIC MANAGER Dianna L. Johnston
UTC TIME	REMARKS			
0700	CFPL: S28 132.15/338.3 QMM BUEC OTS. CFPL: GPS 22-07, AREA D, BOI147064, 0230Z-0400Z, DAILY UNTIL 9/13/22-09/24/22. POC DAVID JENSEN. [REDACTED] BU- [REDACTED]. CFPL: QXP PRI/SEC RADAR OTS DUE TO POWER FAILURE. CFPL: S8 124.85/319.2 M/STBY TX/RX OTS. CFPL: S55 135.55/299.2 M/STBY TX/RX OTS. -- YU			
0730	ZLA CFAD/CRAD CERTIFIED. -- YU			
E 0746	QXP PRI/SEC RADAR OTS DUE TO POWER FAILURE RTS, SOC AWM. -- YU			
0805	ZLA ADSS/ADSB CERTIFIED. -- YU			
0840	OPSNET COMPLETE. -- YU			
0840	ZLA CPDLC CERTIFIED. -- YU			
E 0900	S55 135.55/299.2 M/STBY TX/RX RTS. -- YU			
E 0900	S8 124.85/319.2 M/STBY TX/RX RTS. -- YU			
0905	LEVEL 3 CLEANING COMMENCED. -- YU			
1006	LEVEL 3 CLEANING CEASED. JACAT NOTIFIED AT [REDACTED]. -- YU			
1230	JONAH CHANG ON. -- PZ			
1330	TANNER WAGONER ON. -- TW			
E 1339	LATE ENTRY PSP M/S 133.75/353.6 RTS. -- PZ			
E 1444	S4 QMM 125.8/307.1 M/ST TX/RX RTS. -- TW			
E 1445	S13 QMM 132.6/351.8 M/ST TX/RX RTS. -- TW			
E 1447	S14 135.5/327.1 QMM BUEC RTS. -- TW			
E 1447	S28 132.15/338.3 QMM BUEC RTS. -- TW			
1510	STAND UP BRIEFING COMPLETED. WCLC. -- TW			
1520	DON TRUE ON WITH JONATHAN AMIEL. -- DT			
1555	FASFAC ATC-0 DUE TO COMMUNICATIONS TRIGGER AREA A ASSUMED AIRSPACE. -- SO			
1730	TANNER WAGONER ON. -- TW			
1808	ALNOT - N43605, VFR, (TYPE) PA46, (LAST LOCATION) 3529N11237W, (DEST) KHND -- TW			
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) [REDACTED]		

FAA Form 7230-4

22-002-ZLA
N43605

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 3 of 3
				DATE Sep 13, 2022
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY [REDACTED]
Palmdale, CA	ZLA	ARTCC	Watch Desk	AIR TRAFFIC MANAGER Dianna L. Johnston
UTC TIME	REMARKS			
1820	FACSFAC NORMAL OPS. -- TW			
1931	ALNOT FOR N43605 TRANSFERRED TO RCC. -- DT			
2021	ZLA FLIGHT PLAN DROP INTERVAL INCREASED TO 180 MINS. -- DT			
2105	ALNOT - N43605, VFR, (TYPE) PA46, (LAST LOCATION) 3529N11237W, (DEST) KHND. CANCELED, WRECKAGE LOCATED. -- DT			
M 2112	ZLA-M-2022/09/13-0004 -- N43605 -- DT			
2125	DON TRUE ON. -- TW			
2210	COMPLETED 8020-9 FOR N43605. FAXED TO NW ROC. -- DT			
2235	TONI HARRISON ON. -- BE			
M 0336	ZLA-M-2022/09/13-0005 -- DEVIL71 -- BE			
0456	ZLA FLIGHT PLAN DROP INTERVAL RESET TO 120 MINS. -- BE			
0500	DAVID AMIEL ON. -- AL			
0659	COB -- AL			
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) [REDACTED]		

FAA Form 7230-4

22-002-ZLA
N43605

SECTION 5.
Personnel Log(s)

22-002-ZLA
N43605

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE			
		AWP		ZLA		ZLA - 3F			MONTH: SEP	DAY: 13	YEAR: 2022	
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			
MORENO, TRACY (TM) 05:45 - 15:45	R	05:45	15:45	10+00			00+15	05+45				
LEE, JESSICA (ML) 06:00 - 14:00	R	06:00	14:00	10+00			00+17	06+04				
	9	14:00	16:00									
BUCKNER, JASMIN (JF) 06:30 - 14:30	R	06:30	13:01	06+31	01+29	Leave	01+25	03+07				
GARCIA, WALTER (ZU) 06:30 - 14:30	R	06:30	14:30	08+00			00+00	04+58				
HALL, MICHAEL (HM) 06:30 - 14:30	R	06:30	14:30	08+00			06+48	00+46				
MCCANTS, KEVIN (KJ) 06:30 - 14:30	R	06:30	14:30	10+00			07+12	01+14				
	99	14:30	16:30									
RILEY, JOEL (JZ) 06:32 - 13:32	R	06:32	13:32	08+00			02+06	03+12				
	9	13:32	14:32									
LOWE, LYDIA (LY) 06:45 - 14:45	R	06:45	14:45	08+00			04+35	01+28				
SHUMAN, JENNIFER (JU) 06:50 - 14:50	R	06:50	13:00	06+10	01+50	Leave	01+24	02+51				
LALPUTAN, HAKEEM (HL) 06:55 - 14:55	R	06:55	14:55	08+00			01+04	05+15				
DREHER, BRYAN (IC) 07:00 - 15:00	R	07:00	12:00	05+00	03+00	Leave	05+00	00+00				
GREEN, BRANDON (VJ) 07:00 - 15:00	R	07:00	15:00	08+00			01+17	05+15				
SCOTT, JASON (JL) 07:40 - 15:40	R	07:40	15:40	08+00			02+19	03+01				
HEARNS, RODNEY (WC) 09:00 - 17:00	R	09:00	17:00	08+00			00+41	03+48				
WILLIAMS, DAVID (AA) 09:00 - 19:00	R	09:30	19:00	09+30	00+30	Leave	00+34	05+08				
MANCINELLI, MICHELLE (XN) 12:00 - 22:00	R	13:00	22:00	09+00	01+00	Leave	00+13	05+59				
CHUNG, CHARLIE (CJ) 13:19 - 21:19	R	13:19	21:19	08+00			00+49	04+43				
PEREDA, CHRISTIAN (DC) 13:27 - 21:27	R	13:27	21:27	08+00			00+16	04+17				
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

PERSONNEL LOG		REGION		FACILITY		AREA ID			DATE			
		AWP		ZLA		ZLA - 3F			MONTH: SEP	DAY: 13	YEAR: 2022	
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			
ROSALES, ELDA (YQ) 13:33 - 22:33	R	13:33	22:33	09+00			00+00	05+35				
WILLIAMS, JACLYN (JO) 13:54 - 22:54	R	13:54	22:54	09+00			00+00	05+35				
HENRY, ERIKA (EH) 14:30 - 22:30	R	14:30	22:30	08+00			00+00	04+51				
PIOLATTO, MICHAEL (MI) 15:00 - 23:00	9 R	14:46 15:00	15:00 23:00	08+14			00+05	04+35				
KOTOFF, AARON (AX) 14:55 - 22:55	R	14:55	22:55	08+00			00+54	04+15				
FELDER-COOK, KORTNEY (KF) 22:45 - 06:45	9 R	22:15 22:45	22:45 06:45	08+30			00+00	03+26				
GREEN, BRANDON (VJ) 23:00 - 07:00	R	23:00	07:00	08+00			00+00	04+21				
MARINAS, KARENA (PU) 06:00 - 14:00					08+00	Leave	00+00	00+00				
HUGO, ERIC (HE) 06:30 - 14:30					08+00	Leave	00+00	00+00				
NGUYEN, MINH (VN) 06:45 - 14:45					08+00	Leave	00+00	00+00				
PLENDL, JEFFREY (JP) 07:00 - 15:00					08+00	Leave	00+00	00+00				
HAMILTON, AURORE (AU) 13:30 - 21:30					08+00	Leave	00+00	00+00				
COSLIN, KRISTI (CO) RDO	251	06:15	14:15	08+00			00+26	05+32				
MUNOZ, DANIEL (DM) RDO	99	06:45	14:45	08+00			00+00	06+51				
LAMANNA, CHRISTOPHER (CW) RDO	50	15:00	21:30	06+30			00+39	03+49				
GRAUER, AMY (GR) RDO	9	15:20	21:30	06+10			00+29	03+42				
LACAMBACAL, CHRISTIAN (BC) NAS												
DIAZ, SANDRO (PB) 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			
		AWP		ZLA		ZLA - 3F			MONTH: SEP	DAY: 13	YEAR: 2022	
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			
DUNLAP, KELLI (FK) RDO												
NESMITH, ANDREW (AP) RDO												
PASCAN, SERGIU (PS) RDO												
RAY, STEPHEN (RA) RDO												
SQUIRE, JAMES (SJ) 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

22-002-ZLA
N43605

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

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 3

22-002-ZLA
N43605

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

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

22-002-ZLA
N43605

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

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

22-002-ZLA
N43605

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

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

22-002-ZLA
N43605

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

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

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

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

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 2FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

22-002-ZLA
N43605

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)FAA Form 7230-10 (6-94) NSN 0052-00-024-6102 Electronic Version (OmniForm) Page 2FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

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

FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 3

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

WPR22FA345
Page 41 of 51

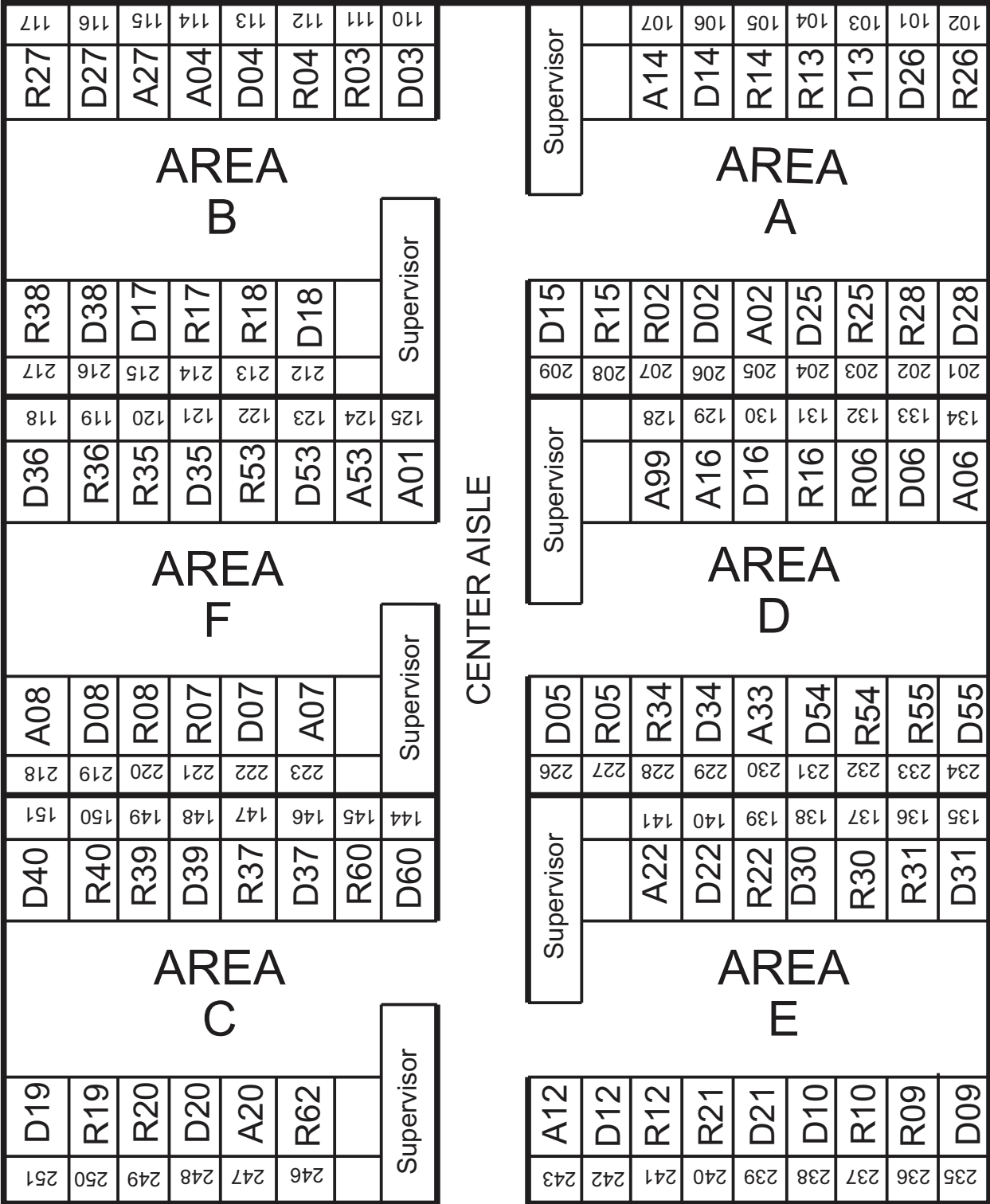
FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 1FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm) Page 2FAA Form 7230-10 (6-94) NSN: 0052-00-024-6102 Electronic Version (OmniForm)

WPR22FA345
Page 42 of 51

SECTION 7.
Facility Layout Chart(s)

22-002-ZLA
N43605

Los Angeles ARTCC Facility Layout



Not to scale

22-002-ZLA
N43605

SECTION 8.
Weather Products

22-002-ZLA
N43605

Los Angeles ARTCC

Weather Products 9/13/2022 UTC

METAR KGCN 131754Z 00000KT 10SM FEW048 BKN110 16/13 A3019 RMK AO2 LTG DSNT SW AND
W RAB10E27 SLP148 P0001 60012 T01560128 10156 20122 51003

METAR KGCN 131854Z 21010KT 10SM TS FEW027 FEW037 SCT100 19/12 A3017 RMK AO2 LTG
DSNT ALQDS TSB54 SLP128 T01890122

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

**Nathan
Adams**

Digitally signed by
Nathan Adams
Date: 2022.10.11
01:45:21 -07'00'

Nathan Adams
Support Specialist Quality Control
Los Angeles ARTCC

22-002-ZLA
N43605

F

September/2022

Weather Briefing Tracking

Enter operating initials each day after completing the pre-duty weather briefing

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ARTURE, JOE (NY)																																
BUCKNER, JASMIN (JF)						JF		JF			JF	JF	JF					JF	JF	JF	JF			JF	JF							
CHUNG, CHARLIE (CJ)	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS	JS
COSLIN, KRISTI (CO)	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO
DIAZ, SANDRO (PB)	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB
DREHER, BRYAN (IC)																																
DUNLAP, KELLI (FK)	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK	FK
FELDER-COOK, KORTNEY (KF)	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF	KF
FLETCHER, SARAH (SK)	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK
GARCIA, WALTER (ZU)	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU	ZU
GREEN, BRANDON (VJ)	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ	VJ
GRAUER, AMY (GR)	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
HALL, MIKE (HM)	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
HARRISON, TONI (BE)																																
HAMILTON, AURORE (AU)																																
HEARNS, RODNEY (WC)	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC
HENRY, ERIKA (EH)	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH	EH
HUGO, ERIC (HE)	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE	HE
JONES, EVAN (EV)																																
KOTOFF, AARON (AX)	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX	AX
LACAMBAL, CHRISTIAN (BC)	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC	BC
LALPUTAN, HAKEEM	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML
LAMANNA, CHRISTOPHER (CW)	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW
LEE, JESSICA (ML)	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML	ML
LOWE, LYDIA (LY)	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY	LY

22-002-ZLA
N43605

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MALY, SHAWN D (SH)																																
MANCINELLI, MICHELLE (XN)	XN				XU	XU	XU	XU	XN			XN	XN	XN	XN	XN																
Marinas Karena (PU)																																
McCANTS, KEVIN (KJ)	KJ	KJ	KJ	KJ	KJ	KJ	KJ	KJ	KJ			KJ	KJ																			
MORENO, TRACY (T M)			TM		TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	TM	
MUNOZ, DANIEL (DM)					DM			DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	DM	
NESMITH, ANDREW (AP)			AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	
NGUYEN, MINH (VN)	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	VN	
PASCAN, SERGIU (PS)																																
PEREDA, CHRISTIAN (DC)	DC	DC			DC	DC	DC	DC	DC			DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	
PIOLATTO, MIKE (MI)	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	
PLENDL, JEFFREY (JP)				JP																												
RAY, STEPHEN (RA)	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	RA	
RILEY, JOEL (JZ)	JZ	JZ			JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	JZ	
ROSALES, ELDA (YQ)	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	YQ	
SCOTT, JASON R (JL)	JL	JL			JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	JL	
SHUMAN, JENNIFER (JU)	JU	JU			JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	JU	
SQUIRE, JAMES (SJ)	SJ				SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	SJ	
SNYDER, STEPHEN (SY)																																
WILLIAMS, DAVID (AA)					AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	
WILLIAMS, JACLYN R (JO)	JO	JO				JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO	JO

22-002-ZLA
N43605

SECTION 9.

Other

22-002-ZLA
N43605

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)

22-002-ZLA

N43605