



Federal Aviation Administration

Memorandum

Date: January 05, 2022

To: Ryan Almasy, Director, Eastern Service Center

GEOFFREY
A WRIGHT

Digitally signed by
GEOFFREY A WRIGHT
Date: 2022.01.10
12:03:38 -05'00'

From: Geoffrey A. Wright, Acting Manager, Knoxville Airport Traffic
Control Tower

Subject: **INFORMATION:** Certification Statement
Aircraft Accident, N162AM
Alcoa, TN, December 16, 2021

I certify that aircraft accident package, 21-002-TYS, has been
reviewed and is complete.

Copy

Aircraft Accident Package

21-002-TYS

N162AM, SR22

December 16, 2021, 1455 UTC

Destroy: December 16, 2026 UTC

SECTION 1.
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SECTION 2.

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

FAA Form 8020-6, Report of Aircraft Accident

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT				REPORT DATE January 13, 2022		REPORT NO. 21-002-TYS	
				NAME OF REPORTING FACILITY Knoxville ATCT (TYS)			
1. AIRCRAFT IDENTIFICATION AND TYPE N162AM, SR22		2. DATE/TIME OF ACCIDENT (UTC) December 16, 2021; 1455 UTC		3. LOCATION OF ACCIDENT: CITY, STATE (MAND) Alcoa, TN			
4. NATURE OF ACCIDENT Crashed on approach.				LATITUDE/LONGITUDE (OPTL) N35 49 58.0000 W083 51 36.0000			
				5. TYPE OF FLIGHT VFR Flight Plan			
6. FLIGHT CREW	NAME	POSITION	ADDRESS (CITY AND STATE)	UNINJURED	INJURED	FATALITY	UNKNOWN
	Charles Schneider	Pilot	Unknown, Unk			X	
7. PASSENGER DATA		NUMBER ABOARD 1 AIRCRAFT	NUMBER UNINJURED 0	NUMBER INJURED 1	NUMBER FATALITIES 0		
8. AIRCRAFT DAMAGE Destroyed			9. PROPERTY DAMAGE				
10. OPERATING STATUS OF NAVIGATIONAL AIDS/LIGHTS/COMMUNICATIONS Normal							
11. WEATHER DATA (USE UTC DATE/TIME)	REPORT JUST PRIOR TO ACCIDENT KNOXVILLE METAR - 1453 UTC: wind calm, visibility one zero statute miles, few clouds four thousand three hundred, ceiling two five thousand broken, temperature nine, dew point five, altimeter three zero two five						
	FIRST REPORT SUBSEQUENT TO ACCIDENT KNOXVILLE SPECI - 1507 UTC: wind calm, visibility one zero statute miles, few clouds four thousand three hundred, ceiling two five thousand broken, temperature one zero, dew point six, altimeter three zero two five						
12. ATO PERSONNEL INVOLVED	NAME	FACILITY	OPERATING POSITION			CHECK IF EYEWITNESS	
	KAITLIN MORTON *(KT)	TYS ATCT	GC GC				
	KURT LIND (DK)	TYS ATCT	LC LC				
	JEFFREY COFFEY (CY)	TYS ATCT	GC GC				
	JAMES SCOTT (EE)	TYS ATCT	RW AP				
	KEVIN BREHMER (KA)	TYS ATCT	RW AP				
	KELLY WALTERS (KN)	TYS ATCT	RE AP				
*OPERATING INITIALS							
13. SIGNATURE OF FACILITY MANAGER Geoffrey A. Wright				GEOFFREY A WRIGHT Digitally signed by GEOFFREY A WRIGHT Date: 2022.01.13 13:15:07 -05'00'			

 DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION REPORT OF AIRCRAFT ACCIDENT (Continuation Sheet)	REPORT DATE January 13, 2022	REPORT NO. 21-002-TYS
	NAME OF REPORTING FACILITY Knoxville ATCT (TYS)	

14. CHRONOLOGICAL SUMMARY OF FLIGHT
December 16, 2021

ALL TIMES BELOW ARE COORDINATED UNIVERSAL TIME
UNLESS OTHERWISE SPECIFIED

1434 N162AM called Ground Control (GC) ready to taxi.

1435 GC issued taxi instructions. N162AM acknowledged.

1440 Local Control (LC) instructs N162AM to Line Up And Wait, N162AM acknowledged. LC instructs N162AM cleared for takeoff, N162AM acknowledged.

1442 LC instructs N162AM to start left traffic, N162AM acknowledged.

1443 LC instructed N162AM to make a short approach, issued traffic, and cleared for the option.

1444 N162AM requested an extended downwind. LC instructs N162AM to make a right 360, N162AM acknowledged.

1445 LC instructed N162AM to join the downwind and extend downwind, issued traffic on final; N162AM acknowledged. N162AM then reported traffic in sight, LC cleared N162AM for the option behind the traffic.

1446 N162AM acknowledged the clearance.

1449 LC instructed N162AM to go upwind one half mile then right traffic. N162AM acknowledged. N162AM advised this would be a full-stop.

1451 LC instructed N162AM to extend downwind. N162AM acknowledged.

1452 LC instructed N162AM cleared to land. N162AM acknowledged.

1455 LC transmitted to N162AM without response. LC asked N3819S if he saw the cloud ahead and N3819S responded affirmative. LC asked if the cloud was a Cirrus.

1456 N3819S responded that something was on fire and LC issued a Go-Around for N3819S. N3819S acknowledged. LC called Radar West (RW) to inform them of the crash, RW acknowledged.

1457 N1221Z advised GC that he thought he saw something that looked like a kite and then some smoke and he believes it was a Cirrus Airframe Parachute System deployment. GC asked if N1221Z saw a parachute and N1221Z says negative but he saw something fall from the sky.



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

REPORT DATE

January 13, 2022

REPORT NO.

21-002-TYS

NAME OF REPORTING FACILITY

Knoxville ATCT (TYS)

14. CHRONOLOGICAL SUMMARY OF FLIGHT

1500 GC gave N1221Z a phone number to call. Guard One (emergency vehicle) asked GC if N162AM made it to the airfield, GC responded negative.

1524 Medevac LifeStar 4 called RW inbound to scene of accident.

1530 LifeStar 4 reported traffic inbound to McGhee-Tyson Airport in sight and RW terminated flight following.

1600 LifeStar 2 called RW en-route to Blount Memorial for an urgent medevac pick up.

1603 LifeStar 4 called RW departing the scene of the accident en-route to University of Tennessee Medical Center.

1605 RW issued traffic to Lifestar 4 then terminated flight following.

1615 LifeStar 2 flight following was terminated.

1643 LifeStar 2 called RW off of Blount Memorial en-route to Univesity of Tennessee Medical Center.

1647 LifeStar 2 reported University of Tennessee Medical Center in sight and was terminated.

No More Follows

SECTION 3.
Review of Services Memoranda



Federal Aviation Administration

Memorandum

Date: December 27, 2021

To: Knoxville Airport Traffic Control Tower Aircraft Accident File 21-002-TYS

Geoffrey Wright, Acting Manager, **GEOFFREY A WRIGHT** Digitally signed by
GEOFFREY A WRIGHT Date: 2022.01.10
12:04:43 -05'00'

From: Knoxville Airport Traffic Control Tower, TYS ATCT

Subject: **INFORMATION:** Review Of Services Memo
Aircraft Accident, N162AM
Alcoa, TN, December 16, 2021

TYS ATCT conducted a review of services concerning N162AM 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 in this office.

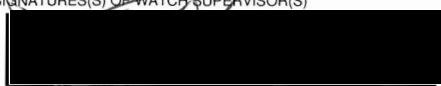
Airport Diagram
Certified Original Copy(ies) of Voice Recording(s)
Certified Working Copy(ies) of Voice Recording(s)
Continuous Data Recording (CDR)
FAA Form 7230-10
FAA Form 7230-4
FAA Form 8020-3
FAA Form 8020-9
Facility Layout Chart(s)
Flight Progress Strip(s)
Mandatory Occurrence Report
Personnel Log(s)
Weather Data
Covered Event Review
STARS Adaptation File
Falcon Bookmark
DALR Incident Export Files
STARS Extracted Data Files
Pre-Duty Weather Briefing Product(s)
Pre-Duty Weather Completion Log(s)

21-002-TYS

N162AM

SECTION 4.

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

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 1
				DATE Dec 16, 2021
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY 
LOUISVILLE, TN	TYS	ATCT	ALL	AIR TRAFFIC MANAGER Geoffrey A. Wright
UTC TIME	REMARKS			
0500	M. WILKINSON ON, RWY 23L IN USE, TRACON COMBINED TO TOWER, WCLC. CFPL: LOCAL CONTROL ELECTRICAL OUTLET UNDERNEATH THE COUNTER OTS. OCC ADVISED. TECH OPS ADVISED. CFPL: WATER LEAK IN FRONT OF ELEVATOR ON THE FIRST FLOOR. WATER LEAK IN TOWER SHAFT ON THE LANDING BETWEEN FLOOR 4 AND 5. WATER LEAK IN TOWER ON THE LANDING BETWEEN THE TOWER DOOR AND TOWER CAB. OCC (DB) ADVISED. CFPL: VXV TACAN AZIMUTH OTS. CFPL: ELEVATOR OTS./AOCC NOTIFIED. CFPL: TYS AD ABN OTS. (MKAA NOTIFIED) -- JW			
1030	D. HARNESS ON. -- DX			
1045	K. HENDERSON ON, ABOVE NOTED. -- HN			
1330	WCLC, DALR CHECKED. -- HN			
M 1706	TYS-M-2021/12/16-0001 -- N162AM -- HN			
2100	C. JONES ON, ABV NOTED. -- XB			
2130	WCLC. -- XB			
2355	K. HOBBS ON, ABOVE NOTED. -- XB			
0330	K. WALTERS ON. -- KN			
0459	CLOSE OF BUSINESS. -- KN			
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

48
50

SECTION 5.
Personnel Log(s)

ART - Sign On Log

12/27/2021 1:08:48 PM

TYS

Selected Report Dates: 12/15/2021 10:00:00 PM - 12/16/2021 10:00:00 PM

OPINIT	NAME	SHIFT/TYPE	SIGN- IN	SIGN - OUT	LV	OJT	CIC	TOS
WW	WHISMAN, WILLIAM D	22:15-06:15/R	21:53:00	06:15:00			4+56	0+22
	REMARKS							
JW	WILKINSON, MICHAEL J.	22:15-06:15/R	22:15:00	06:15:00			4+20	
	REMARKS							
KA	BREHMER, KEVIN A	05:45-13:45/R	05:45:00	11:30:00	2+15		3+35	
	REMARKS							
DX	HARNESS, DAVID A.	05:45-13:45/R	05:25:00	13:45:00		1+25	1+27	0+20
	REMARKS							
KN	WALTERS, KELLY N.	05:45-13:45/R	05:45:00	13:30:00	0+15		0+48	
	REMARKS							
DK	LIND, KURT S.	05:58-13:58/R	05:58:00	13:58:00			0+31	
	REMARKS							
HN	HENDERSON, KEITH B	06:00-14:00/R	05:40:00	17:00:00				3+20
	REMARKS							
KT	MORTON, KAITLIN A	06:00-14:00/R	06:00:00	13:35:00	0+25		2+55	
	REMARKS							
EE	SCOTT, JAMES R.	07:00-15:00/R	07:00:00	15:00:00		0+27	4+32	
	REMARKS							
FX	FOX, DEREK G	07:15-15:15/R	07:15:00	15:15:00			1+53	
	REMARKS							
KG	KING, CHRISTOPHER D.	07:15-15:15/R	07:15:00	15:15:00				
	REMARKS							
CC	CURTIS, CHARLES T	07:30-15:30/R	08:30:00	15:30:00	1+0		0+30	
	REMARKS							
AR	RIVERA-JIMENEZ, ASHRAF	07:30-15:30/R	07:30:00	15:30:00	8+0			
	REMARKS							
AM	BROWER, ALLYSON M.	08:00-16:00/R	08:00:00	16:00:00	8+0			
	REMARKS							
GT	WRIGHT, GEOFFREY A	08:00-16:00/R	08:00:00	16:00:00	8+0			

TYS

Selected Report Dates: 12/15/2021 10:00:00 PM - 12/16/2021 10:00:00 PM

OPINIT	NAME	SHIFT/TYPE	SIGN- IN	SIGN - OUT	LV	OJT	CIC	TOS
REMARKS								
CY	COFFEY, JEFFREY A.	08:15-18:15/R	08:15:00	18:15:00		0+56	2+10	
REMARKS								
XB	JONES, CHRISTOPHER B.	09:55-17:55/R	09:55:00	21:55:00				4+0
REMARKS								
KL	KUYKENDALL, STEVEN R	13:00-21:00/R	13:00:00	21:00:00		2+46	1+52	
REMARKS								
DT	TOON, DALLAS F	13:00-21:00/R	13:00:00	21:00:00			0+31	
REMARKS								
CA	ANDERSON, CASEY A	13:15-21:15/R	13:15:00	21:15:00				
REMARKS								
HY	SMITH, AREIL C.	13:25-21:25/R	13:25:00	18:10:00	3+15	0+38	1+30	
REMARKS								
SB	BALDASANO, SAMUEL A	13:30-21:30/R	13:30:00	21:30:00	8+0			
REMARKS								
DJ	JOHNSTON, DAVID N	13:30-21:30/R	12:43:00	21:30:00			4+12	0+47
REMARKS								
GR	ROBERTS, GRANT T	13:30-21:30/R	13:30:00	21:30:00	8+0			
REMARKS								
RT	TAYLOR, RYAN M	15:00-23:00/R	15:00:00	23:00:00			3+35	
REMARKS								
KH	HOBBS, KENNETH J	15:10-23:10/R	15:10:00	23:10:00		0+51	3+53	
REMARKS								

SECTION 6.

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

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: GC		Pos Type: GC			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0500		1342		LC	LC
1343	DK	1410	C		
1411	KT	1437	C		
1438	FX	1456	C		
1457	CY	1534	C		
1535	CY	1558	C		
1559	KT	1644	C		
1645	CC	1714	C		
1715	KG	1821	C		
1822	CC	1902	C		
1903	CA	2005	C		
2006	RT	2116	C		
2117		0459		LC	LC

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: LC		Pos Type: LC			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0500	WW	0800	C		
0801	JW	1048	C		
1049	KA	1208	C		
1209	DK	1239	C		
1240	KA	1322	C		
1323	DK	1341	C		
1342	CY	1438	C		
1342	KG	1438	T		
1439	DK	1506	C		
1507	KT	1519	C		
1520	CC	1612	C		
1613	FX	1714	C		
1715	CC	1748	C		
1749	FX	1827	C		
1828	CA	1902	C		
1903	HY	1941	C		
1903	KG	1941	T		
1942	DJ	2040	C		
2041	CA	2151	C		
2152	RT	2224	C		

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: LC		Pos Type: LC			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
2225	RT	2253	C		
2254	DJ	2254	C		
2255	DJ	2357	C		
2358	CA	0100	C		
0101	DT	0119	C		
0120	KH	0332	C		
0333	DX	0342	C		
0343	KN	0343	C		
0344	DX	0459	C		

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: RW		Pos Type: AP			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0500		1033		LC	LC
1034	DX	1044	C		
1045	DX	1200	C		
1201	EE	1235	C		
1236	DX	1401	C		
1236	FX	1401	T		
1402	KN	1405	C		
1406	KA	1518	C		
1519	EE	1602	C		
1603	KA	1621	C		
1622	KN	1647	C		
1648	EE	1754	C		
1755	CY	1804	C		
1805	CY	1840	C		
1841	EE	1954	C		
1955	DT	2054	T		
1955	KL	2054	C		
2134	CY	2207	C		
2208	DT	2259	T		
2208	KH	2259	C		

FAA Form 7230-10 (Electronic)

[illegible]

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: FDCD		Pos Type: CD			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0500		1048		GC	GC
1049	KN	1224	C		
1225	KG	1303	C		
1304	KN	1322	C		
1323	KN	1340	C		
1341	KT	1410	C		
1411		1456		GC	GC
1457	FX	1534	C		
1535	KG	1637	C		
1638	CY	1714	C		
1715	CY	1719	C		
1720	KT	1756	C		
1757	DJ	1829	C		
1830	DJ	1900	C		
1901	FX	1901	C		
1902	FX	1957	C		
1958	HY	2111	C		
2112	DJ	2224	C		
2225	CA	2324	C		
2325	DT	2358	C		

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: FDCD		Pos Type: CD			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
2359	DT	0029	C		
0030	DJ	0119	C		
0120		0459		GC	GC

FAA Form 7230-10 (Electronic)

POSITION LOG

Log Date: 12/16/2021

Pos Type: DI

[illegible]

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: CICT		Pos Type: SI			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0500		1033		CICC	SC
1034	DX	1044	C		
1045	DX	1200	C		
1201	EE	1235	C		
1236	KT	1310	C		
1311	EE	1401	C		
1402	KN	1405	C		
1406	KA	1518	C		
1519	EE	1602	C		
1603	KA	1621	C		
1622	KN	1647	C		
1648	EE	1754	C		
1755	CY	1840	C		
1841	EE	1955	C		
1956	CY	2016	C		
2017	KH	2133	C		
2134	CY	2207	C		
2208	HY	2208	C		
2209	KL	2245	C		
2246	HY	2300	C		

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: CICT		Pos Type: SI			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
2301	KH	2323	C		
2324	KL	2327	C		
2328	RT	2356	C		
2357	KL	0107	C		
0108	RT	0343	C		
0344	KN	0459	C		

FAA Form 7230-10 (Electronic)

POSITION LOG					
Fac ID: TYS		Log Date: 12/16/2021			
Pos ID: CICC		Pos Type: SC			
TIME ON	Initials	TIME OFF	Code	Where Combined To:	
				Pos ID	Pos Type
0500	WW	0800	C		
0801	JW	1048	C		
1049	KA	1208	C		
1209	DK	1239	C		
1240	KA	1322	C		
1323	KN	1340	C		
1341	KT	1437	C		
1438	FX	1534	C		
1535	CY	1558	C		
1559	KT	1644	C		
1645	CC	1714	C		
1715	CY	1719	C		
1720	KT	1756	C		
1757	DJ	1829	C		
1830	DJ	1901	C		
1902	FX	1957	C		
1958	HY	2111	C		
2112	DJ	2224	C		
2225	RT	2254	C		
2255	DJ	2358	C		

FAA Form 7230-10 (Electronic)

[illegible]

POSITION LOG

Log Date: 12/16/2021

Pos Type: AP

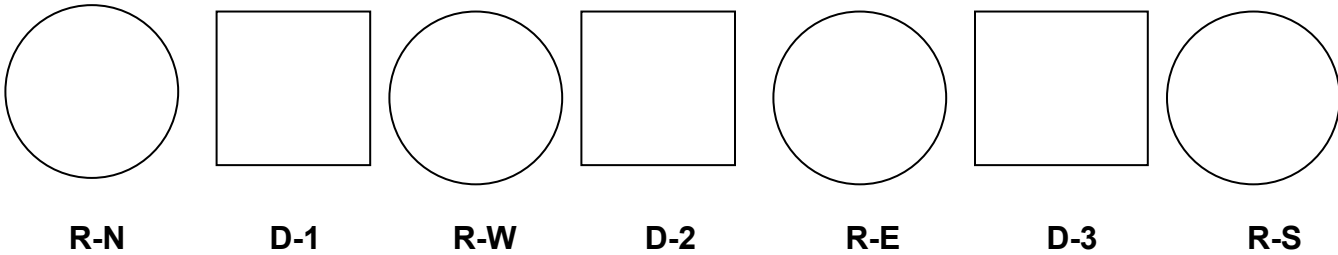
[illegible]

FAA Form 7230-10 (Electronic)

SECTION 7.
Facility Layout Chart(s)

**FACILITY LAYOUT
KNOXVILLE ATCT
(DRAWING NOT TO SCALE)**

TRACON

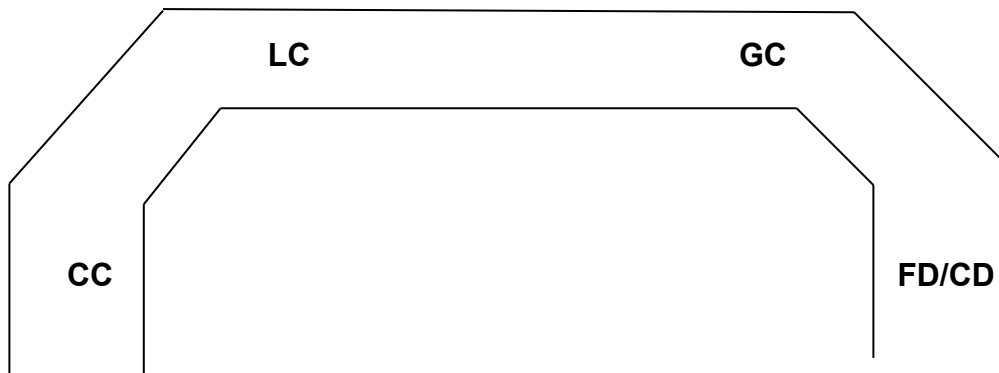


LEGEND

R-N RADAR NORTH
D-1 DATA 1
R-W RADAR WEST
D-2 DATA 2
R-E RADAR EAST
D-3 DATA 3
R-S RADAR SOUTH

TOWER CAB

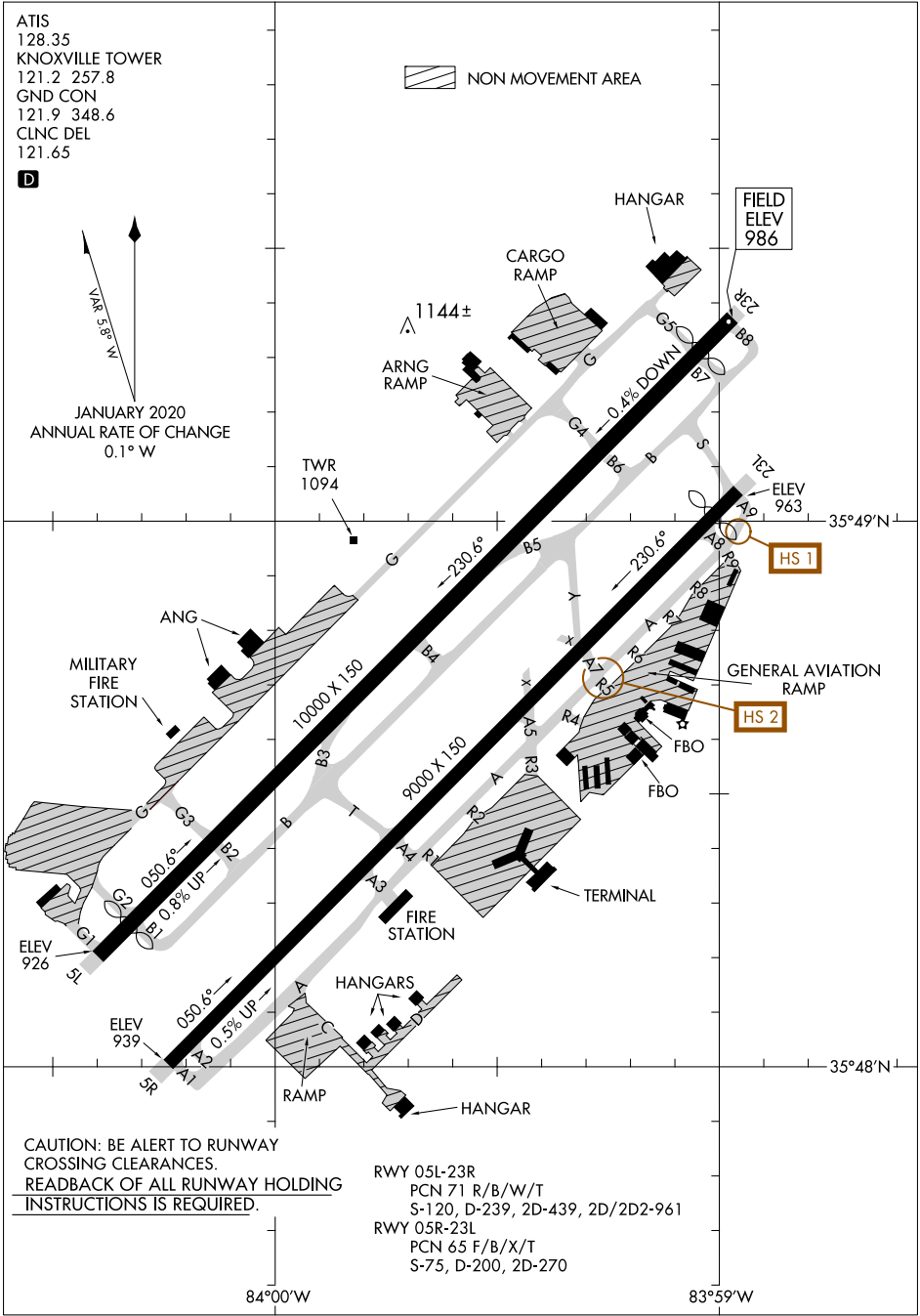
RUNWAYS AND TAXIWAYS THIS DIRECTION



LEGEND

CC CAB COORDINATOR
LC LOCAL CONTROL
GC GROUND CONTROL
FD/CD FLIGHT DATA/CLEARANCE DELIVERY

SECTION 8.
Airport Diagram



SECTION 9.

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

FPS Knoxville ATCT December 16, 2021 UTC

X 162 AM	00	1440	T		✓	✓	
SR22							

SECTION 10.

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

FACILITY AIRCRAFT ACCIDENT/INCIDENT NOTIFICATION RECORD

Aircraft Identification

11/6/24 AM

Date _____

12/16/21

Airport

TYS

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

[illegible]

This form must be updated annually.

Form Updated by (Name, Title, Facility): **Steve Creasy, Support Specialist, TYS ATCT**

Date: 8/24/20

SECTION 11.
Weather Products

Knoxville ATCT

Weather Products 12/16/2021 UTC

METAR KTYS 161453Z 00000KT 10SM FEW043 BKN250 09/05 A3025 RMK AO2 SLP244
T00940050 50001

SPECI KTYS 161507Z 00000KT 10SM FEW043 BKN250 10/06 A3025 RMK AO2 T01000056

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

ELIDA
BERMUDEZ



Digitally signed by
ELIDA BERMUDEZ
Date: 2022.01.04
14:27:17 -05'00'

Elida Bermudez
Support Specialist
Knoxville ATCT

TYS Pre-Duty Weather Briefing

	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18
EE	X	X							X					
KT	X	X						X	X					
CC	X	X						X	X					
KG	X	X						X	X					
SB		X	X						X	X				
KL		X	X						X	X				
HY			X						X	X				
DJ		X	X						X	X				
DT		X							X	X				
KH			X	X						X	X			
RT			X	X						X	X			
AM		X	X	X	X	X	X	X	X	X	X	X	X	X
GR			X	X						X	X			
CA			X	X	X					X	X			
JB				X	X						X	X		
JM				X	X						X	X		
AL				X	X						X	X		
MN				X	X						X	X		
TS					X							X	X	
JR					X	X						X		
JS					X	X						X	X	
RS					X	X						X	X	
CO					X	X						X	X	
DP					X	X	X					X	X	X

Please initial the corresponding boxes associated with your operating initials to indicate that you have completed the Pre-duty Weather Briefing for that day.

*Note If working either Credit Hours or OT on your RDO, please initial next to the X.

TYS Pre-Duty Weather Briefing

	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18
KA						X	X						X	X
JW						X	X						X	X
WW							X						X	X
FX						X	X						X	X
DX	X						X	X						X
DK	X						X	X						X
KN	X						X	X						X
CY	X	X					X	X	X					X
AR	X						X	X						X

ADMINISTRATIVE

GT	X					X	X							X
LE	X						X	X						X

Operations Supervisors

HN						X	X						X	X
XB								X	X					

Please initial the corresponding boxes associated with your operating initials to indicate that you have completed the Pre-duty Weather Briefing for that day.

***Note If working either Credit Hours or OT on your RDO, please initial next to the X.**

From: [REDACTED]
Subject: Requested information
Date: Monday, December 20, 2021 12:13:19 PM
Attachments: [16DecDWBam.pdf](#)

Elida,

Working on getting you the video briefing copy from the morning of 16 December 21. Meanwhile, here is the daily weather bulletin and metar data from that time for your reference as well.

```
KTYS 161653Z 00000KT 10SM FEW044 FEW250 15/08 A3020 RMK AO2 SLP226
T01500083
KTYS 161553Z 00000KT 10SM FEW043 SCT250 12/07 A3024 RMK AO2 SLP238
T01220067
KTYS 161507Z 00000KT 10SM FEW043 BKN250 10/06 A3025 RMK AO2 T01000056
KTYS 161453Z 00000KT 10SM FEW043 BKN250 09/05 A3025 RMK AO2 SLP244
T00940050 50001
KTYS 161353Z 08004KT 10SM BKN044 BKN250 06/03 A3026 RMK AO2 SLP249
T00560028
KTYS 161253Z 07003KT 10SM BKN043 BKN250 04/02 A3026 RMK AO2 SLP246
T00390022
KTYS 161153Z 16004KT 10SM SCT042 BKN250 03/02 A3025 RMK AO2 SLP244
T00330017 10067 20022 51003 $
KTYS 161053Z COR 00000KT 10SM SCT250 03/02 A3025 RMK AO2 SLP243
T00330022 $
KTYS 160953Z 00000KT 10SM SCT250 04/02 A3024 RMK AO2 SLP241 T00390017 $
KTYS 160853Z 07004KT 10SM BKN250 03/01 A3024 RMK AO2 SLP240 T00280011
55001 $
KTYS 160753Z 00000KT 10SM BKN250 04/02 A3023 RMK AO2 SLP237 T00440022 $
```

Respectfully,

--

Chris J. Provence
Meteorologist
ZTL CWSU

Daily Weather Briefing

Prepared: 12/16/21 5:41 AM by: YO

valid for 12 hours

FOR ATC PLANNING
PURPOSES

High pressure is in place with areas of MVFR/Low-VFR and developing patchy IFR increasing in coverage this morning. A stray light shower is possible over south/central GA this morning. Surface winds will favor the northeast to southeast around 4-8kts. Flight Hazards: None expected.

FTUS80 KATL 161012 AAA

KATL 161009Z 1610/1712 07006KT P6SM FEW011 OVC035

TEMPO 1610/1614 SCT009 BKN011 OVC040

FM161400 11006KT P6SM SCT010 OVC020

FM161600 15006KT P6SM VCSH SCT009 OVC012

FM170600 15004KT 6SM BR SCT003 BKN007 OVC012

FM170900 15004KT 3SM BR BKN003 OVC006

REMARKS: None.

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FTUS80 KCLT 161000 AAA
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KCLT 160959Z 1610/1712 00000KT P6SM FEW040 FEW250

FM161500 21006KT P6SM SCT045 BKN210

FM162300 22005KT P6SM BKN050

FM170500 23005KT 6SM BR BKN014

FM170800 23004KT 5SM BR BKN010

REMARKS: None.

ATL Convective Gates



CLT Convective Gates

Radar/PIREPs/Icing & Turbulence Airmets and Sigmet/CWAs

[illegible]

21-002-TYS
N162AM

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)