

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION													
TERMINAL ROUTES						MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 6000 DIRECT PICTA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 037.90 INBOUND. CHART FAS OBST: 4018 TREE 325806N/1032319W DISTANCE TO THLD FROM 338 HATH: 0.93 NM. WAAS CHANNEL # 45636 REFERENCE PATH ID: W21A CHART CIRCLING ICON. LTP HAE: 1187.2 M									
IBOCO	ECIKE (FB)	329.69 / 14.32	6000										
WEDUT	ARHIF (FO)	059.72 / 29.11	6000										
WINNS	CIKIB (FB)	214.43 / 32.99	6000										
CAPRO	CIKIB (FB)	119.46 / 29.29	6000										
ECIKE (IAF)	ARHIF (NOPT) (FB)	268.16 / 7.20	6000										
CIKIB (IAF)	ARHIF (NOPT) (FB)	173.08 / 5.00	6000										
ARHIF (IF/IAF)	TATAW (FB)	218.09 / 5.93	5700										
(SEE FORM 8260-10)													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)													
2. HOLD NE ARHIF, RT, 218.09 INBOUND, 6000 FT. IN LIEU OF PT (IAF)													
3. FAC: 218.02 FAF: TATAW DIST FAF TO MAP: 5.31 THLD: 5.31													
4. MIN. ALT: ARHIF 6000, TATAW 5700, ZUKVA/1.60 NM TO RW21 4500*													
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>													
6. MIN GS INCPT: 5700 GS ALT AT: TATAW 5700 OM: <u> </u> MM: <u> </u> IM: <u> </u>													
7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS NOT CLEAR													
8. MSA FROM: RW21 7300													
				MAG VAR: 7E EPOCH YEAR: 2015									
MINIMUMS													
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X									
CATEGORY =====>	A		B		C		D		E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	4305	1 1/8	338	4305	1 1/8	338	4305	1 1/8	338	NA			
LNAV/VNAV DA	4305	1 1/8	338	4305	1 1/8	338	4305	1 1/8	338	NA			
LNAV MDA	4360	1	393	4360	1	393	4360	1 1/8	393	NA			
CIRCLING	4480	1	501	4480	1	501	4720	2 1/4	741	NA			
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: USE HOBBS ALTIMETER SETTING, WHEN NOT RECEIVED, PROCEDURE NA. (SEE FORM 8260-10)													
CITY AND STATE LOVINGTON, NM			ELEVATION: 3979 THRE: 3967 AIRPORT NAME: LEA COUNTY-ZIP FRANKLIN MEMORIAL			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 1 13 NOVEMBER 2014			SUP: AMDT: ORIG DATED 03/17/2005	

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RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TATAW (FAF)	ZUKVA/1.60 NM TO RW21 (FB)	218.02 / 3.71	
ZUKVA/1.60 NM TO RW21	RW21 (MAP) (FO)	218.02 / 1.60	
RW21 (MAP)	4305 MSL	218.02	
4305 MSL	PICTA (FO)		6000

NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING TO RWY 03/12/30 NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT IBOCO ON V102 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT WEDUT ON V68 WESTBOUND.

QUALITY
CHECKED

CITY AND STATE
 LOVINGTON, NM

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	E06
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	325737.3785N
LTP/FTP LONGITUDE	1032401.9935W
LTP/FTP ELLIPSOIDAL HEIGHT	+11872
FPAP LATITUDE	325634.2245N
FPAP LONGITUDE	1032516.8330W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7B975F2F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12090
FPAP ORTHOMETRIC HEIGHT	+12090



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP E06 K2FR21	ACAPRO	010CAPROK2EA0E	IF							18000		A JS	
SUSAP E06 K2FR21	ACAPRO	020CIKIBK2EA0E	A 020TF			11950293		+ 06000				A JS	
SUSAP E06 K2FR21	ACAPRO	030ARHIFK2EA0EE	B 010TF			17310050		+ 06000				A JS	
SUSAP E06 K2FR21	AIBOCO	010IBOCOK2EA0E	IF							18000		A JS	
SUSAP E06 K2FR21	AIBOCO	020ECIKEK2EA0E	A 020TF			32970143		+ 06000				A JS	
SUSAP E06 K2FR21	AIBOCO	030ARHIFK2EA0EE	B 010TF			26820072		+ 06000				A JS	
SUSAP E06 K2FR21	AWEDUT	010WEDUTK2EA0E	IF							18000		A JS	
SUSAP E06 K2FR21	AWEDUT	020ARHIFK2EA0EY	020TF			05970291		+ 06000				A JS	
SUSAP E06 K2FR21	AWEDUT	030ARHIFK2EA0EE	AR HF			21810060		+ 06000				A JS	
SUSAP E06 K2FR21	AWINNS	010WINNSK4EA0E	IF							18000		A JS	
SUSAP E06 K2FR21	AWINNS	020CIKIBK2EA0E	A 020TF			21440330		+ 06000				A JS	
SUSAP E06 K2FR21	AWINNS	030ARHIFK2EA0EE	B 010TF			17310050		+ 06000				A JS	
SUSAP E06 K2FR21	R	010ARHIFK2EA0E	I IF					+ 06000		18000		A JS	
SUSAP E06 K2FR21	R	020TATAWK2EA1E	F 051TF			21810059		+ 05700			RW21 K2PGA	JS	
SUSAP E06 K2FR21	R	020TATAWK2EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP E06 K2FR21	R	021ZUKVAK2EA0E	S 031TF			21800037		V 0450004518		-300		A JS	
SUSAP E06 K2FR21	R	030RW21 K2PGOGY	M 031TF			21800016		04009		-300		A JS	
SUSAP E06 K2FR21	R	040	0 M CA			2180		+ 04305				A JS	
SUSAP E06 K2FR21	R	050PICTAK2EA0EY	DF					+ 06000				A JS	
SUSAP E06 K2FR21	R	060PICTAK2EA0EE	R HM			03790060		+ 06000				A JS	

QUALITY
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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[illegible]

SUSAP E06 K2GRW21 0060012180 N32573738W103240199+0200 +1187203967000042075R

[illegible]

SUSAP E06 K2PR21 RW21 001 0000W21A0N3257373785W10324019935+118720300N3256342245W10325168330106750920000420F4005007B975F2F
SUSAP E06 K2PR21 RW21 002E +12090+12090LPV 45636

[illegible]

SUSAP E06 K2SRW21 K2PG 0 18018007325 M

CITY AND STATE
LOVINGTON, NM

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FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CAPRO	CAPRO	010		IF		FB					
	CAPRO	CIKIB	020	IAF	TF		FB	2.0	119.5 (126.5T)	029.3	AA 06000	
	CAPRO	ARHIF	030		TF		FB	1.0	173.1 (180.1T)	005.0	AA 06000	
	IBOCO	IBOCO	010		IF		FB					
	IBOCO	ECIKE	020	IAF	TF		FB	2.0	329.7 (336.7T)	014.3	AA 06000	
	IBOCO	ARHIF	030		TF		FB	1.0	268.2 (275.2T)	007.2	AA 06000	
	WEDUT	WEDUT	010		IF		FB					
	WEDUT	ARHIF	020		TF		FO	2.0	059.7 (066.7T)	029.1	AA 06000	
	WEDUT	ARHIF	030	IAF	HF	R	FO		218.1 (225.1T)	006.0	AA 06000	
	WINNS	WINNS	010		IF		FB					
	WINNS	CIKIB	020	IAF	TF		FB	2.0	214.4 (221.4T)	033.0	AA 06000	
	WINNS	ARHIF	030		TF		FB	1.0	173.1 (180.1T)	005.0	AA 06000	
		ARHIF	010	FACF	IF		FB				AA 06000	
		TATAW	020	FAF	TF		FB	0.5	218.1 (225.1T)	005.9	AA 05700	
		ZUKVA	021	SDF	TF		FB	0.3	218.0 (225.0T)	003.7	AA 04500	GS 04518
		RW21	030	MAP	TF		FO	0.3	218.0 (225.0T)	001.6	AT 04009	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		218.0 (225.0T)		AA 04305	
	PICTA	050		DF		FO				AA 06000	
	PICTA	060		HM	R	FO		037.9 (044.9T)	006.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARHIF	N330534.89	W1031434.47	N3305.582	W10314.575
	CAPRO	N332805.00	W1034237.77	N3328.083	W10342.630
	CIKIB	N331035.47	W1031433.97	N3310.591	W10314.566
	ECIKE	N330456.27	W1030602.34	N3304.938	W10306.039
	IBOCO	N325145.99	W1025917.83	N3251.767	W10259.297
	PICTA	N324854.93	W1033419.92	N3248.916	W10334.332
	TATAW	N330123.13	W1031934.11	N3301.386	W10319.569
	WEDUT	N325407.21	W1034624.43	N3254.120	W10346.407
	WINNS	N333524.92	W1024833.77	N3335.415	W10248.563
	ZUKVA	N325845.41	W1032241.32	N3258.757	W10322.689
	RW21	N325737.38	W1032401.99	N3257.623	W10324.033

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW21	03967		42

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