

MISSION DATA CARD

OPORD		Callsign		Mission		Date/Time		
3293/2024		T-Rex 1		Training		102000OCT24		
Task	Illumination Flares					Freq		
AO						132.25		
Departure				Recovery				
FYTTR THREE				HI-ILS or LOC/DME Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET

LOADOUT

A/A	2xA9M				GUN	100% CM	
A/G	7M282L, 2x8LU2				CHF	120	
POD	A184L, TGP				FLR	360	
TKS					FUEL	70%	

TOLD

	Takeoff	Target	Joker	Bingo	Land
FUEL	7760				

AIRBASES

	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN

#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	12000	
2	Creech AFB	N36 35.200 W115 40.120	12000	
3	T62.04	N36 53.800 W115 27.064	12000	
4	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	15000	
5	RONKY	N36 39.332 W114 56.110	15000	
6	WISTO	N36 35.388 W114 56.977	12500	
7	OLNIE	N36 34.989 W114 54.756	8900	
8	KRYSS	N36 30.369 W114 44.190	8900	
9	SHEET	N36 24.532 W114 50.652	5000	
10	ROTSE	N36 20.025 W114 55.561	4200	
11	JELIR	N36 17.482 W114 58.326	3140	
12	SESDE	N36 15.072 W115 00.943		

COMMS

Radio	Usage
1	132.25
2	11 - 3 - 4 - 16 - 11 - 4 - 3
3	32.00

NOTES

Illumination Flares Training

1. Combat Illumination feindliche Fahrzeuge ausleuchten Area T62.04 durch Flight Lead.

Beschuss der generischen Fahrzeuge mit Gun durch den (die) Wingmen und im zweiten Anlauf Rollentausch.

2. Battlefield Illumination der Creech AFB im Dome Verfahren. Erst Wingmen, dann Flight Lead, ohne Beschuss.

3. Wenn wir schnell durchkommen, geht es noch zum Tanker, wenn nicht, dann zurück nach Nellis.

OTHER FLIGHTS

Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	2x F-16C	134.0	1/64		162X
AO	Range 61	Task	LGB Training			
Raptor 2	Training	2x F-16C	134.25	1/64		163X
AO	Range 61	Task	LGB Training			
Monster 1	Training	4x A-10C	132.15	1/64	21	161X
AO	Range 62	Task	Illumination Flares			
Edelweiss 3	Training	4x F/A-18C	264.35	1/64		173X
AO		Task	Bewerber Flug			
Edelweiss 1	Training	2x F/A-18C	264.15	12/75	1	171X
AO	Beatty	Task	BJT Check Ride			
Edelweiss 4	Training	1x F/A-18C	264.45	1/64		174X
AO		Task				
Tiger 1	Training	2x F/A-18C	261.15	1/64	1	155X
AO	Range 74.06 and 74.08	Task	AG Bomb, AAR and Formation			
Raptor 3	Training	3x F-16C	134.5	1/64		164X
AO	Range 61	Task	LGB Training			
Nasty 6	Training	4x AH-64D	133.5	1/64		173X
AO		Task				
Nazgul 6	Training	4x F-15E	262.45	1/64		156X
AO		Task	Formation & AAR			
Beast 4	Training	1x A-10C	132.75	1/64	30	170X
AO	Nellis AFB	Task	PAR			
Raptor 3	Training	3x F-16C	134.5	1/64		164X
AO	Range 61	Task	LGB Training			

RADIO CHANNELS

#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD

0	1	2	3	4	5	6	7	8	9
B	O	L	S	T	E	R	I	N	G

KTC 1400 C

	0	1	2	3	4	5	6	7	8	9
A	AXHV	SBN	IYU	KP	TC	LQW	MO	EJ	FG	RD
B	OMVP	FNA	XLC	RT	GS	BJI	HD	KU	YW	QE
C	PSOJ	HVC	NEX	KI	UB	DYL	WM	GR	AF	QT
D	RIVM	OWE	UJK	CD	QA	PXL	YB	GF	SN	TH
E	VBKO	RAW	HLD	QE	JS	XCP	FI	MU	TG	YN
F	JRIY	NMU	WLK	AD	PO	CHX	GV	QE	FT	BS
G	SMPD	UTH	LBR	WE	KA	GNC	VQ	OY	JI	FX
H	PQYV	DKB	UXE	TL	MR	CSG	WJ	HA	FO	IN
I	LRUI	ETB	OGW	FN	PQ	CVA	XM	YK	JS	HD
J	VEXH	JAF	GKB	PT	UR	CQI	DY	SM	LO	WN
K	VTKR	YOB	SUP	EW	JX	INC	AM	HL	DG	FQ
L	YIVS	OEK	WNL	XG	TQ	MUH	PC	RB	JA	FD
M	UVIA	PGM	XKF	CL	JO	QNT	ED	RB	SY	HW
N	WFKB	PXM	ULG	CH	JA	EST	OV	ID	RN	QY
O	GPMX	OKY	HNQ	LW	UT	DFV	BJ	CR	EA	SI
P	DLJI	FHM	XVA	SR	EO	BYT	GQ	KP	CU	WN
Q	DONU	THP	FXG	AJ	IK	EWY	BV	QM	SR	LC
R	DXBS	EHN	YPU	CM	IV	KFL	TW	OJ	GR	QA
S	EUDV	LPJ	XFG	OQ	HR	IMT	AB	CS	WY	NK
T	WLHB	NQP	KDV	RY	CT	XGF	AE	IU	SO	MJ
U	CLSF	JHK	BIW	TV	PD	OGA	RE	XM	YQ	UN
V	JHBR	QNP	AWM	GX	VL	TSI	CO	KD	YE	FU
W	WETC	OSI	JUH	KV	DY	GAX	RN	MP	LF	BQ
X	PFRB	QGU	DXL	CT	MY	KSJ	IN	EO	VH	WA
Y	URMH	CIX	NDW	GT	LK	OYS	FQ	JP	VB	EA

NAVAIDS

Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



RWY 3L-21R
 PCN 46 R/C/W/T
 RWY 3R-21L
 PCN 51 R/C/W/T
 2017

PAR	RWY	CAT	MINIMA		ARP	ELEV	Scale 1:35'500	
	21L	A B D E	2057 - 0.8 200	(200-0.8/1.6) GS 3°	36° 14.060° N 115° 01.058° W	1857 [ft] 566 [m]	0 300 600 900 1200 1500 [m]	
	3R	A B D E	2057 - 0.8 200	(200-0.8/1.6) GS 3°			0 1000 2000 3000 4000 5000 [ft]	
SRA	21R	A C D E	2257 - 1.2 350	(350-1.2/1.6)				
	3L	A C D E	2257 - 1.2 350	(350-1.2/1.6)				

RWY	TORA	TODA	ASDA	LDA	PSN	THR	ALS
21L	10051 [ft] 3063 [m]	11051 [ft] 3368 [m]	11051 [ft] 3368 [m]	10051 [ft] 3063 [m]	36°14.043' N	115°01.018' W	⊕
3R	10120 [ft] 3084 [m]	11120 [ft] 3398 [m]	11120 [ft] 3398 [m]	10120 [ft] 3084 [m]	36°13.029' N	115°02.038' W	

ATIS	NELLIS GROUND	NELLIS TOWER	NELLIS CONTROL	TACAN	ILS RWY 21L	NELLIS EAST	NELLIS WEST
270.100 MHz	275.800 121.800	327.000 132.55	317.525	LSV 12X	109.10 Mhz	384.400	385.000

FYTTR THREE DEPARTURE IFR CHART | VALID 2014 LAS VEGAS, NEVADA

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



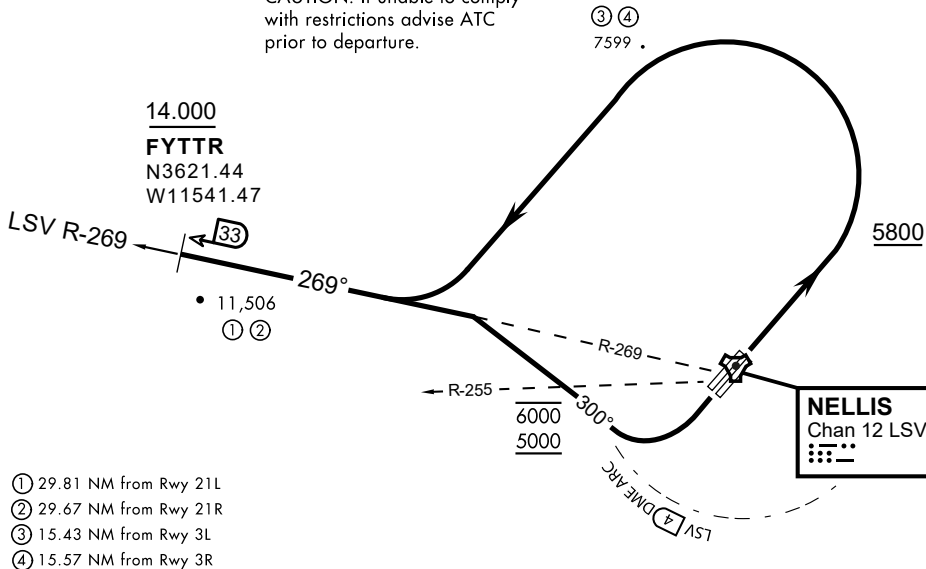
Rwy	Knots	60	120	180	240	300	360
3L (a)	V/V(fpm)	394	788	1182	1576	1970	2364
3R (a)	V/V(fpm)	392	784	1176	1568	1960	2352
21L (b)	V/V(fpm)	388	776	1164	1552	1940	2328
21R (b)	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate

(a) to 9300

(b) to 13 500

CAUTION: If unable to comply with restrictions advise ATC prior to departure.



- (1) 29.81 NM from Rwy 21L
- (2) 29.67 NM from Rwy 21R
- (3) 15.43 NM from Rwy 3L
- (4) 15.57 NM from Rwy 3R

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

LAS VEGAS, NEVADA

HI-ILS or LOC Z RWY 21L

LOC I-DIQ 109.1	APCH CRS 209°	Rwy ldg	21L	21R
		TDZE	10,051	10,120
		Arpt Elev	1865	1869

JAL-227 (USAF)

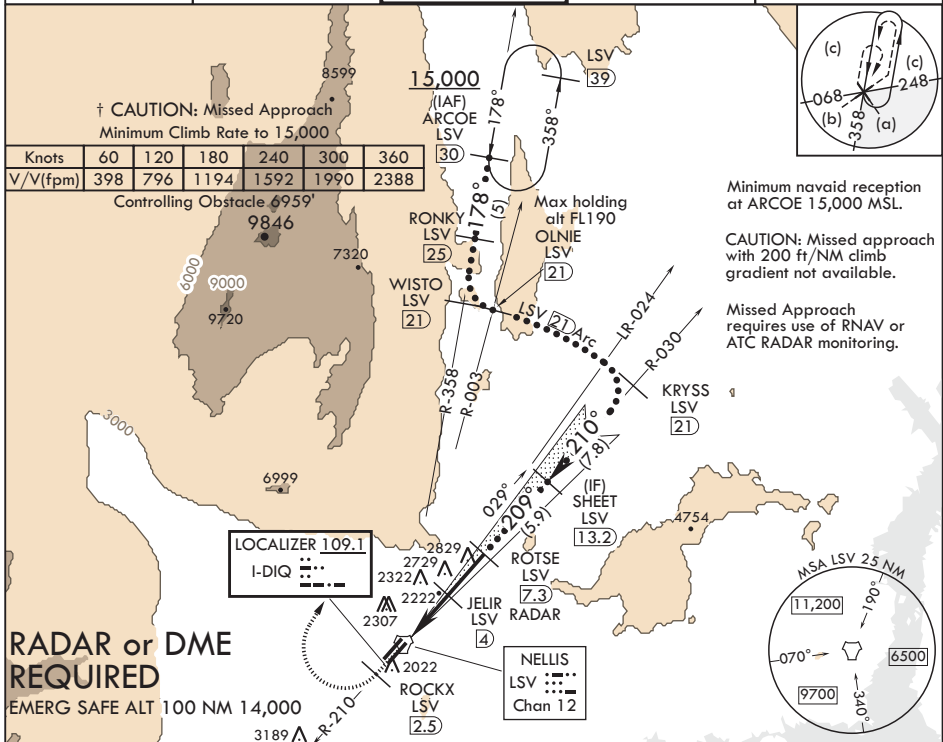
NELLIS AFB (KLSV)

† When ALS inop, increase CAT CDE RVR to 40, vis to 3/4 mile.
 ** When ALS inop, increase CAT CDE vis to 1 3/4 miles.
 *** Circling not authorized E of Rwy 3R-21L.



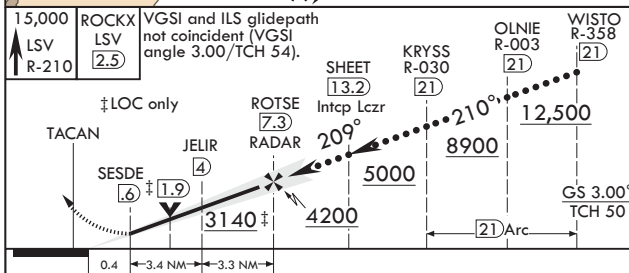
† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb-in-hold to 15,000. Missed approach not for civil use.

ATIS 270.1	APP CON 124.95 273.55	TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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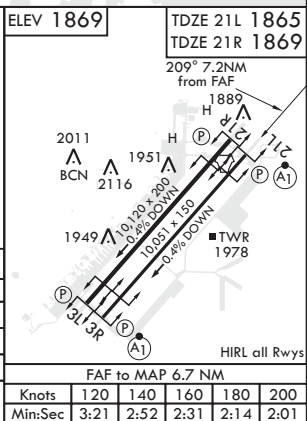


RADAR or DME REQUIRED

EMERG SAFE ALT 100 NM 14,000



CATEGORY	C	D	E
S-ILS 21L*	2065-24	200	(200-1/2)
S-LOC 21L**	2480-1 3/4	615	(700-1 3/4)
SIDESTEP 21R	2500-1 3/4	631	(700-1 3/4)
⊕ CIRCLING***	2620-2 1/4 751 (800-2 1/4)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)



LAS VEGAS, NEVADA

36°14'N - 115°02'W

NELLIS AFB (KLSV)

Amdt 8 03JAN19

HI-ILS or LOC Z RWY 21L

SW-4, 05 DEC 2019 to 02 JAN 2020

SW-4, 05 DEC 2019 to 02 JAN 2020



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065°	Rwy ldg TDZE 3133	9002 3133
		Arpt Elev 3113	

INDIAN SPRINGS AF AUX (KINS)

▼ * MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN 114

NELLIS CON

CREECH AFB TOWER
118.30 60.60

GND CON

NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

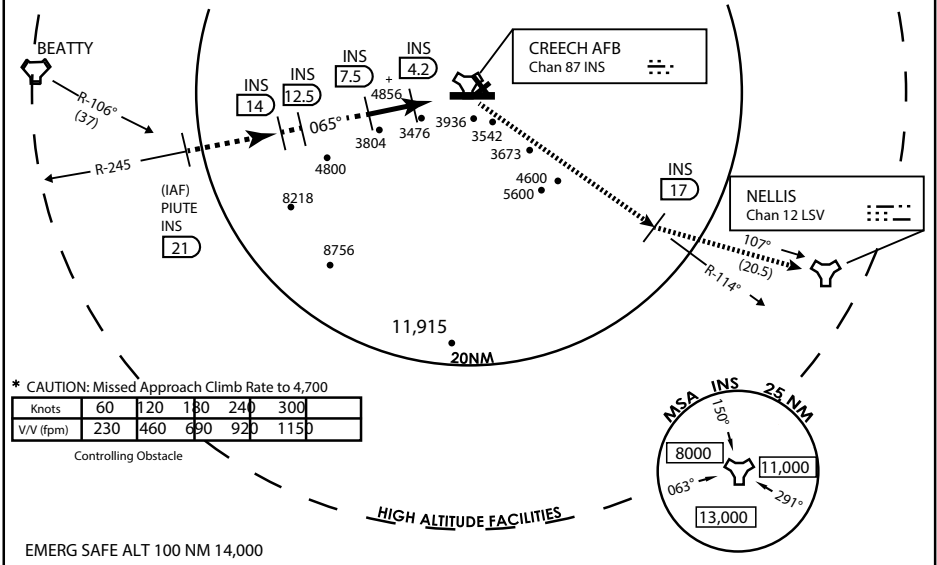
PILOT IS RESPONSIBLE FOR TERRAIN/OBSTACLE AVOIDANCE AND APPROPRIATE VFR CLOUD CLEARANCE FOR ALL

CAUTION: Descent gradients are greater than allowed under standard TERPS criteria and inbound course does not meet straight-in criteria

CAUTION: Final approach course crosses Runway centerline at MIDFIELD. Maneuvering left of course required prior to landing. Do not Maneuver farther north than the INS R- 258

Modified by viaBog 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION

Modified by viaBog 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION



* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle

HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000

	INS 9500		INS R-114	INS 11	ELEV 3129																		
	INS 21		INS 11																				
<table border="1"> <tr> <th>CATEGORY</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> </tr> <tr> <td>S-8</td> <td>3760-1 ½</td> <td>627 (700-1 ½)</td> <td>3760-1¾ 627 (700-1¾)</td> <td>3760-2 627 (700-2)</td> <td>3760-2¼ 627 (700-2¼)</td> </tr> <tr> <td>CIRCLING</td> <td colspan="5">NOT AUTHORIZED</td> </tr> </table>	CATEGORY	A	B	C	D	E	S-8	3760-1 ½	627 (700-1 ½)	3760-1¾ 627 (700-1¾)	3760-2 627 (700-2)	3760-2¼ 627 (700-2¼)	CIRCLING	NOT AUTHORIZED					MIRL Rwy 8-26				
CATEGORY	A	B	C	D	E																		
S-8	3760-1 ½	627 (700-1 ½)	3760-1¾ 627 (700-1¾)	3760-2 627 (700-2)	3760-2¼ 627 (700-2¼)																		
CIRCLING	NOT AUTHORIZED																						

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



AIRPORT DIAGRAM

ATIS
 122.5
 CREECH TOWER
 118.4 360.7 38.65
 GND CON
 118.3 275.8
 CLNC DEL

115°42'W

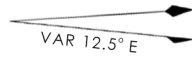
FIELD
 ELEV
 3127

80

972 X 150

HOT
 CARGO
 PAD

BAK-12



WEST EOR

115°41'W

476 VFG JAN 2019

476 VFG JAN 2019

CONTROL
 TOWER
 BASE
 OPS

RPA LOLA
 WEST

RPA LOLA
 EAST

LOLA /
 HUNG
 ORDNANCE

199 X 100
 ELEV
 3127
 RUNWAY
 31/13
 MQ/RQ-1
 ONLY

9002 X 150

258.5°

BAK-12

860 X 100

313.8°

ELEV 3127

4064 X 100

115°40'W

EAST EOR

ELEV 3127

1030 X 150

26

AIRPORT DIAGRAM