

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
2171/2023		Nazgul* 1		Training		262000SEP23	
Task						Freq	
AO						261.25	
Departure				Recovery			
FYTTR THREE				HI-TACAN Y RWY 21L			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Nazgul* 1-1	Striver		1101	21Y	1561	
-2	Nazgul* 1-2	Tank		1102	84Y	1562	
-3	Nazgul* 1-3	Repsus/Lempo		1103	84X	1563	
-4	Nazgul* 1-4	Razorback		1104	21X	1564	

LOADOUT			
A/A	2xA120C, 2xA9M		GUN 100% SAPHEI
A/G			CHF 240
POD	TGT, MX648, NAV		FLR 0
TKS	2xFT610		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	30518				

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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)		
2	BTY	N36 48.035 W116 44.858		

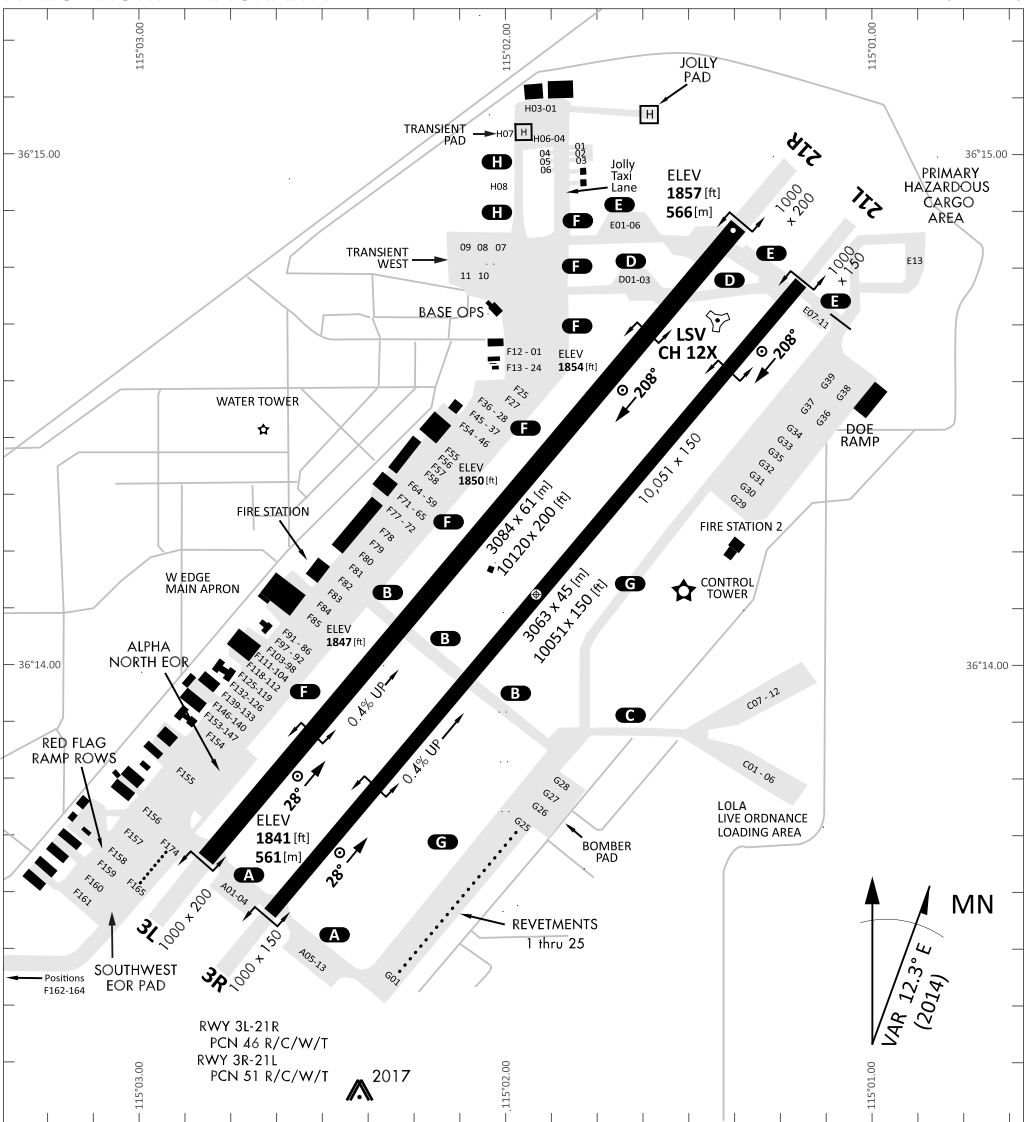
COMMS	
Radio	Usage
2	#11, #3, #4, #16

SUPPORT			
AWACS			
Callsign	Freq	ALT	Pos
MAGiC	377.8	FL270	N3749 W11417 - N3713 W11446

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	
I	M	P	R	O	V	A	B	L	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	DGPT	FXW	IRB	EH	ON	LSM	YJ	QK	AC	VU
B	QYXA	KSW	URT	MO	GH	LJI	EC	PF	ND	VB
C	FUVJ	IXE	MCY	RS	GK	NOL	PT	HW	AQ	BD
D	FWPI	TGJ	ERC	NA	SQ	OUM	HB	YK	LV	XD
E	OUET	JCS	WVF	PL	DK	QXY	IB	NA	RH	MG
F	PBOS	FIY	CXK	HU	GJ	RMD	EN	AQ	LT	VW
G	GFEX	HUT	OLA	JV	PS	BDQ	MC	NY	WI	KR
H	KATW	XFH	OVP	RE	UY	CQJ	IL	DN	GS	MB
I	CWTY	RAO	GPN	SB	KE	HMI	JF	LQ	UD	XV
J	KEOU	SJN	BWP	VX	YA	RCL	IQ	TD	MG	HF
K	XOSW	HTU	NIR	FQ	VP	GJL	YC	EB	KA	MD
L	RSKX	WVT	PQL	MO	BY	GJA	NF	UC	IH	DE
M	BMJH	DAK	OET	CR	NX	FPI	LU	WY	VG	SQ
N	GNVR	CYL	ISX	MW	HQ	EDB	FT	JU	OK	AP
O	LRUI	HKG	SVE	MY	PA	FQO	CN	DX	TJ	BW
P	FQUC	DGO	KIM	RY	AT	BVS	EL	HJ	WX	PN
Q	MTYC	PFG	SXV	IB	JK	AQL	OD	WR	HU	NE
R	ETOM	HGA	LXY	RV	IW	NPK	DB	FS	UJ	QC
S	VQER	KXJ	FCH	GY	SW	IDU	PA	TM	BL	ON
T	WHCE	TPD	MGF	VU	YA	SXI	LQ	OJ	BK	RN
U	DPMQ	UYG	SIO	KA	NE	TXF	BV	RL	WJ	HC
V	GSBU	WKI	THX	QO	MV	AYJ	LE	RC	ND	PF
W	LWPD	JHF	MSB	EX	QR	UAV	GI	TK	CO	YN
X	DHTX	LKY	GSU	PI	QR	CBA	OJ	NW	EV	MF
Y	VROH	ULI	ABG	QX	FY	SCK	TJ	DW	MN	EP

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



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	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	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

NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

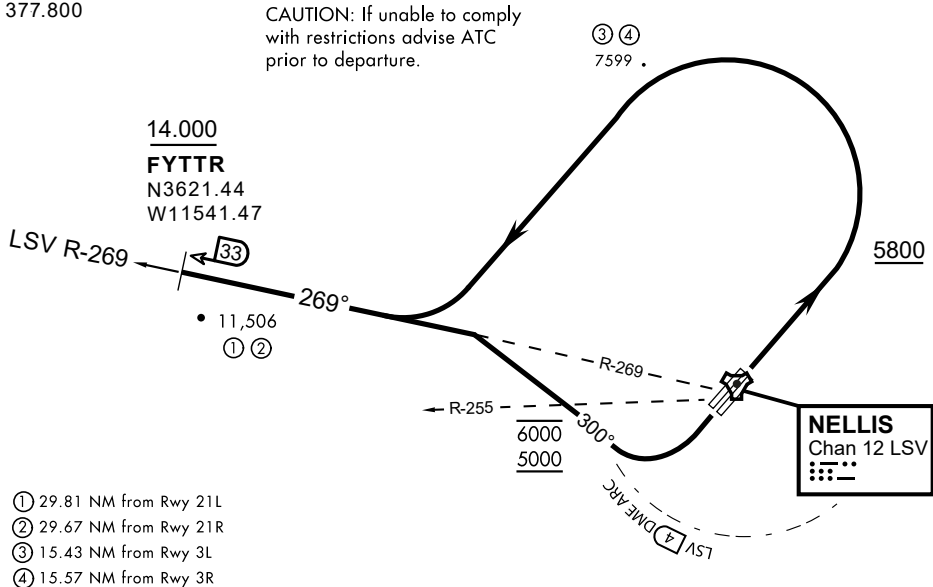
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L ①	V/V(fpm)	394	788	1182	1576	1970	2364
3R ②	V/V(fpm)	392	784	1176	1568	1960	2352
21L ③	V/V(fpm)	388	776	1164	1552	1940	2328
21R ④	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
① to 9300
② 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:

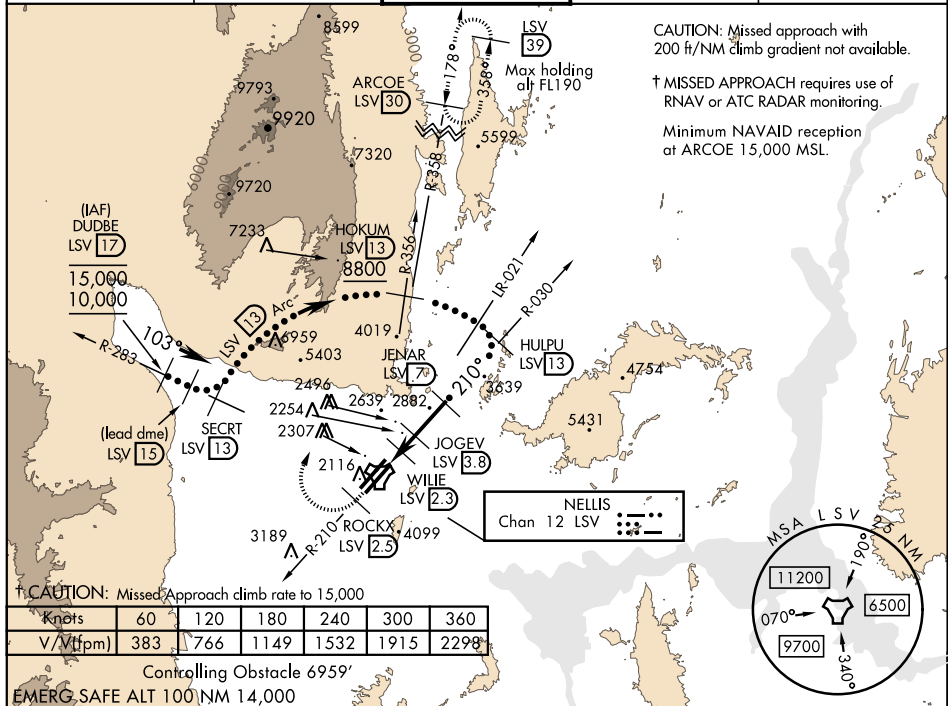
Fly according Nellis Noise Abatement instructions as published

HI-TACAN Y RWY 21L

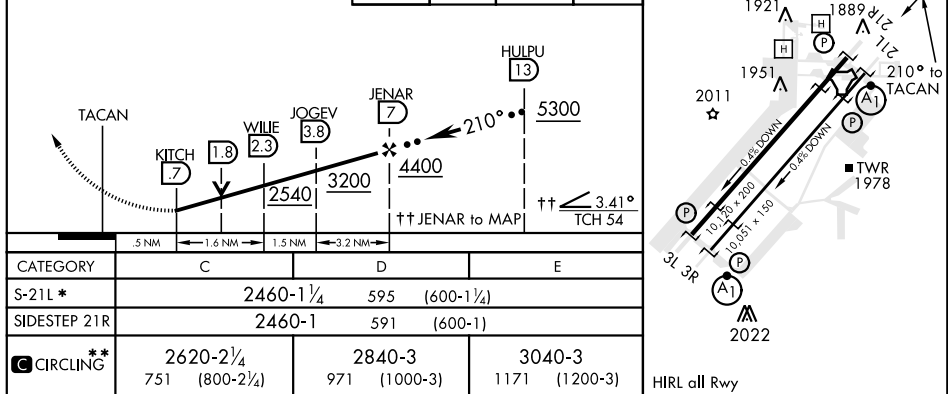
TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869	JAL-227 [USAF]	NELLIS AFB (KLSV)
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* When ALS inop, increase CAT CDE vis to 1¾ miles.
 ** Circling not authorized E of Rwy 3R-21L.

ATIS 270.1	NELLIS APP CON 124.95 273.55	NELLIS TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).	15,000 LSV R-210	ROCKX LSV 2.5	hdg 020°	ARCOE R-358 30	ELEV 1869	TDZE 21L 1865 TDZE 21R 1869
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HI-TACAN Y RWY 21L