

MISSION DATA CARD						
OPORD		Callsign		Mission		Date/Time
2130/2023		Nazgul* 6		Training		091137SEP23
Task						Freq
AO						261.25
Departure				Recovery		
DREAM FOUR				ILS or LOC/DME Z RWY 21L		
#	Callsign	Pilot		IFF	TCN	LSR NET
-1	Nazgul* 6-1	Tank		1101	21Y	1561

LOADOUT			
A/A	2xA9P	GUN	100% SAPHEI
A/G		CHF	240
POD	2xMX648, TGT, NAV	FLR	0
TKS	2xFT610	FUEL	50%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	19224				

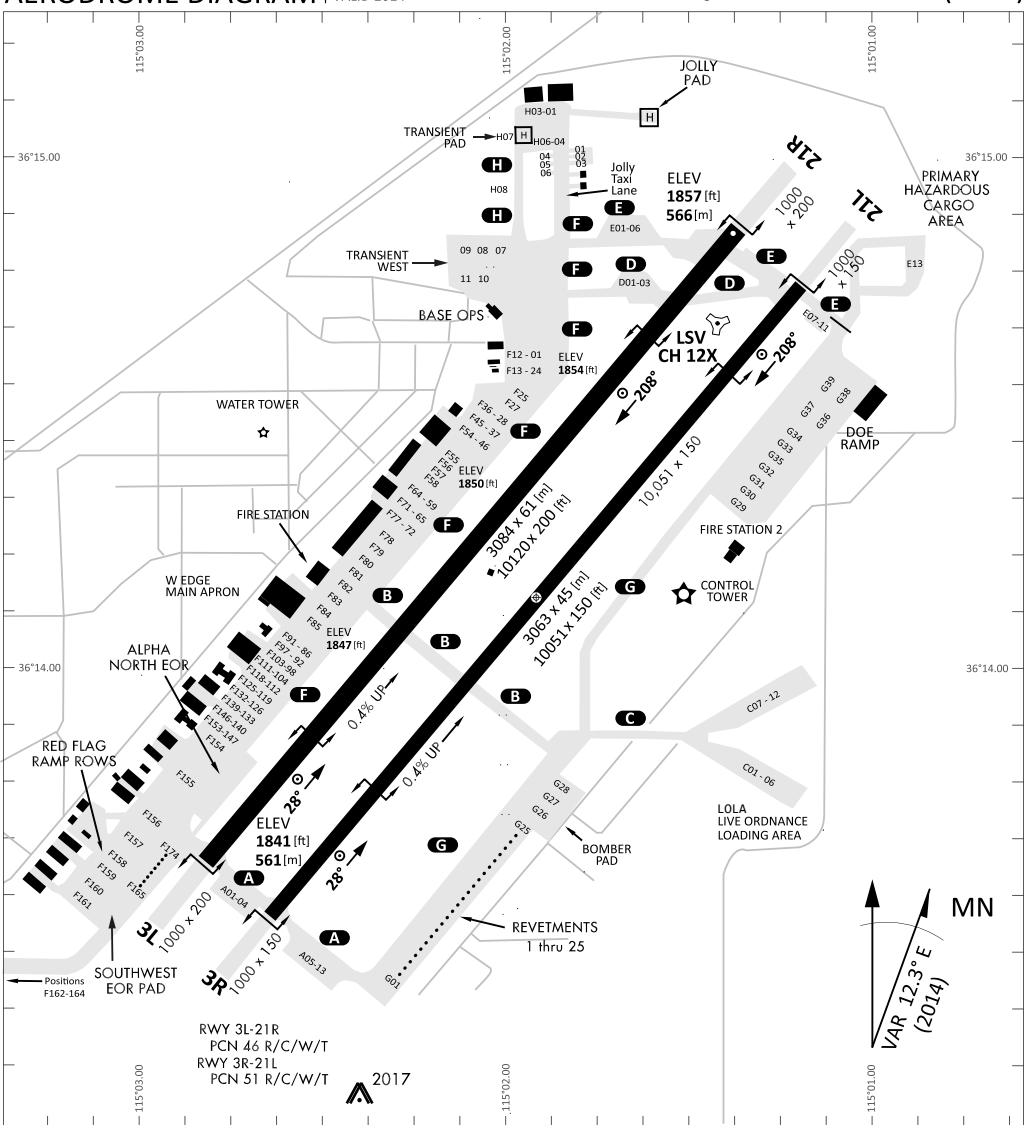
AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)		
2	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)		
3	TROUTT	LSV 323/63 (N37 17 W115 07.050)		
4	Elgin N Point	LSV 007/70 (N37 21 W114 32)		
5	Elgin S Point	LSV 012/42 (N36 53 W114 40)		
6	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)		

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	
M	A	G	N	I	T	U	D	E	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	TAEG	FLC	SRK	DH	JV	NWQ	OB	UI	PM	XY
B	NJSQ	ADW	PIE	YV	XB	FKO	GT	UC	RL	HM
C	VPLD	SJB	NWO	MT	QK	AIU	FG	XH	CE	YR
D	RIBW	YJG	FOV	SU	KM	XTD	LC	PA	QE	HN
E	EDOI	MHR	CAU	PY	FG	XJV	NL	KQ	TB	SW
F	WEXP	VKB	SMR	YG	DA	IFH	LC	UN	JT	QO
G	IVNH	MAL	JBS	PU	TF	ECD	KR	QG	XY	OW
H	OKEV	YWL	CBT	PA	HR	QDU	MJ	XS	IN	GF
I	TBXA	CNL	WJY	RK	GM	SQD	EO	VI	FH	PU
J	ISFV	GQR	MNK	BH	YL	OJA	DP	XT	WE	CU
K	BWMD	VOI	CHQ	LE	TG	SJF	UK	XP	AR	YN
L	BUCL	YGJ	KOF	DV	XT	NME	AH	SQ	RI	WP
M	OEXV	TSD	NFI	KH	BU	YPL	CA	MJ	RG	QW
N	SIFH	KRQ	YLA	WX	NE	JMD	PV	GT	UC	OB
O	HMQC	SFI	VXE	YG	PW	TNB	KO	LJ	AU	RD
P	WPQA	NBT	IHD	RE	UL	SXF	VK	MC	YO	GJ
Q	NFAX	KHL	WYP	TS	BR	JCU	DI	OQ	ME	GV
R	KOPY	DRE	UGS	LX	IT	WBH	NQ	MF	CJ	AV
S	YBAR	VMH	LWU	OQ	NC	TXJ	KP	FD	EI	GS
T	WDOE	SBJ	UML	IR	QA	PXN	FH	GT	CK	VY
U	SKEG	PAX	WLT	IY	CJ	VFO	NQ	MU	BR	HD
V	MOTS	PRG	QWY	EN	IB	CLU	JK	AF	DH	VX
W	WQLY	CKS	BVN	TH	DX	RIJ	OF	GM	AU	PE
X	RJBW	OSH	KCG	QX	TY	IUN	AV	LD	PE	FM
Y	UDVF	SKB	HIE	LY	CT	OGQ	MN	JR	WP	AX

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 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				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

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

DREAM
N3710.34
W11459.53

MINTT
LAS 351/38
17,000

Rwy	Knots	60	120	180	240	300	360
* 3 L (a)	V/Vl(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/Vl(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/Vl(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/Vl(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/Vl(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/Vl(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/Vl(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/Vl(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

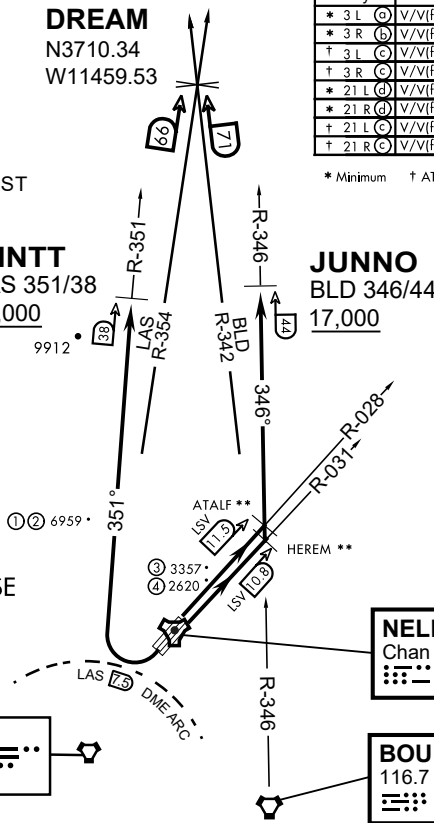
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- ① 12.24 NM from Rwy 21R
② 12.40 NM from Rwy 21L
③ 5.67 NM from Rwy 3L
④ 5.85 NM from Rwy 3R

NOT FOR CIVIL USE

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

LAS VEGAS
116.9 LAS
Chan 116



NELLIS
Chan 12 LSV

BOULDER CITY
116.7 BLD
Chan 114

VAR 12.3°E



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 3R

- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 21L/R

- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions

LOC I-DIQ
109.1

APCH CRS
207°

Rwy ldg
TDZE **1866**
Arpt Elev **1870**

AL-227 [USAF]

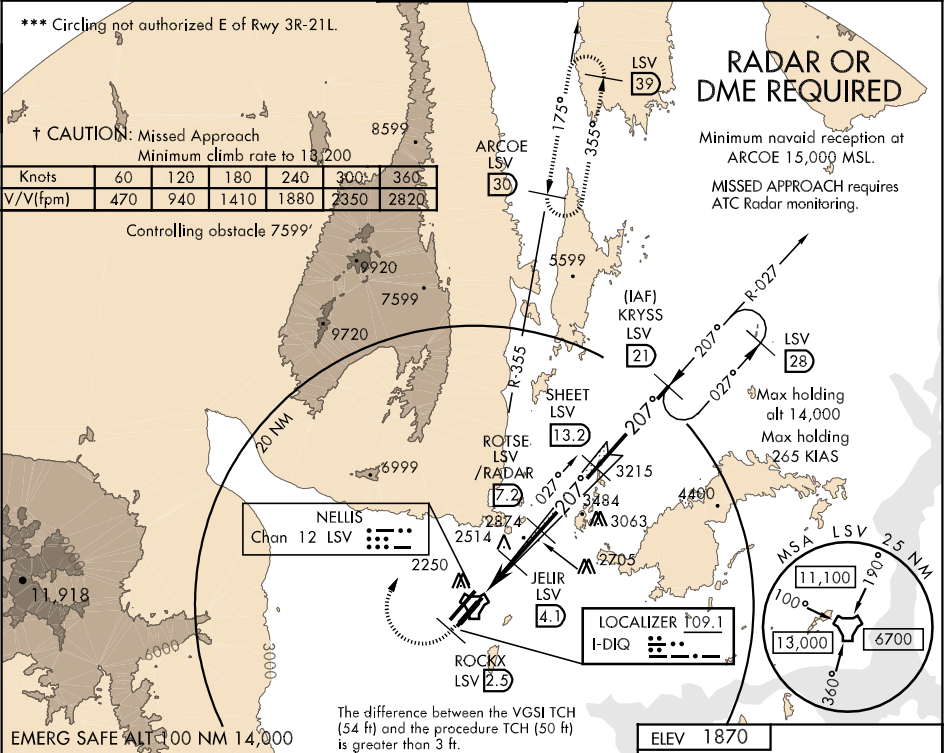
NELLIS AFB (KLSV)

⚠ * When ALS inop, increase CAT ABCDE RVR to 40, vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 50, vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, CAT E vis to 2 miles.

ALSF-1

† MISSED APPROACH: Climb to 15,000, heading 209° to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV TACAN R-355 to ARCOE and hold, continue climb in hold to 15,000.

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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15,000 hdg 209°	ARCOE LSV 30	†† Loc Only	ROTSE 7.2 /RADAR 4200	SHEET 13.2 Intcp Lczt 5000	KRYSS 21 8900
TACAN	SESDE 1.8	JELIR 4.1	†† 3180	4200	GS 3.00° TCH 50
0.5	3.5 NM	3.1 NM			
CATEGORY	A	B	C	D	E
S-ILS 21L *	2066/24		200	(200-½)	
S-LOC 21L **	2440/24 574 (600-½)		2440/50 574 (600-1)	2440/60 574 (600-1½)	2440-1½ 574 (600-1½)
CIRCLING ***	2480-1 610 (700-1)	2680-1¼ 810 (900-1¼)	2680-2¼ 810 (900-2¼)	2680-2½ 810 (900-2½)	2940-3 1070 (1100-3)
HIRL all Rwy					