

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2060/2023		Nazgul*		Training		172007AUG23		
Task							Freq	
AO							261.25	
Departure				Recovery				
FYTTR THREE				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-2	Nazgul*-2		Tank		1102	84Y	1562	

LOADOUT							
A/A	2xA120C, 2xA9P					GUN	100% SAPHEI
A/G						CHF	240
POD	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	FYTTR	N36 21 26.400 W115 41 28.200	15000	
2	BTY	N36 48 02.099 W116 44 51.529	15000	
3	Belted Peak	N37 34 W116 04 30	15000	
4	TROUTT	N37 16 60 W115 07 03	15000	
5	ARCOE	N36 44 15.600 W114 55 01.200	15000	
6	Nellis AFB	N36 13 32 W115 02 37	1500	

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Cougar 1	Training	1x F-16C	264.15	21/84		171X
	AO		Task			
Edelweiss 1	Training	1x F/A-18C	264.15	21/84		171X
	AO		Task			
Raptor 1	Training	4x F-16C	264.15	21/84		171X
	AO		Task			

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	
C	U	L	M	I	N	A	T	E	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	THFC	BNL	YOI	SK	AV	GPU	WE	DR	XJ	QM
B	JIDR	FBX	TYK	MA	VE	OCN	HU	SP	LW	GQ
C	KGOE	WTU	DJI	SP	YA	LVR	HM	QX	BC	FN
D	PSXA	TBW	QRJ	MH	NF	GVL	YE	UI	OK	CD
E	DHJN	KEY	GMW	TC	FQ	XSL	RB	OI	VA	UP
F	YDPG	OHN	KSM	AX	JT	QWI	FB	VC	LU	ER
G	CRDX	KPV	IQB	YH	AM	JUW	LF	GO	TN	SE
H	XSFJ	MLB	PKI	RE	NH	OAD	VY	WU	CG	QT
I	IVQW	XBH	YUC	EF	JA	SOD	TG	LK	MR	NP
J	ESJQ	OTB	AKN	XU	WG	IDR	CL	FP	MY	VH
K	XVQL	CUE	OND	YH	WR	IAJ	SP	TM	FB	GK
L	JHBD	LUO	WMC	FR	QY	ATS	KV	XG	PE	IN
M	LUBN	KPM	GQC	RX	TY	JSF	AE	DV	WI	HO
N	SJYI	XHR	FOM	BE	NA	TVC	QP	DK	LG	WU
O	DMRH	XNJ	EGB	WK	VT	FSQ	PC	OI	LA	YU
P	YLCB	OWP	KMJ	VR	DG	HIA	ES	XU	QN	TF
Q	DSHI	NUO	PKA	VF	LY	GQT	WR	MJ	XE	CB
R	UJYD	MAB	OGF	XE	WH	LQP	NT	KV	RC	IS
S	NARK	XJB	CEI	OY	HV	UTS	WP	QD	GM	LF
T	WJXY	FQM	SDB	VK	OR	IEL	TU	NP	GC	HA
U	UILM	YRB	XOG	ST	QJ	PEN	AH	WF	KD	VC
V	WGDJ	VSU	NOT	QM	EY	PFK	XA	IC	RB	HL
W	TDBW	MRJ	LGO	CV	NY	FPH	XQ	SI	EK	UA
X	MGJX	WDR	UPF	NY	EI	KSQ	TO	BH	CV	LA
Y	CHRK	LJD	NWT	QO	SU	PIX	FM	BY	EA	GV

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
	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



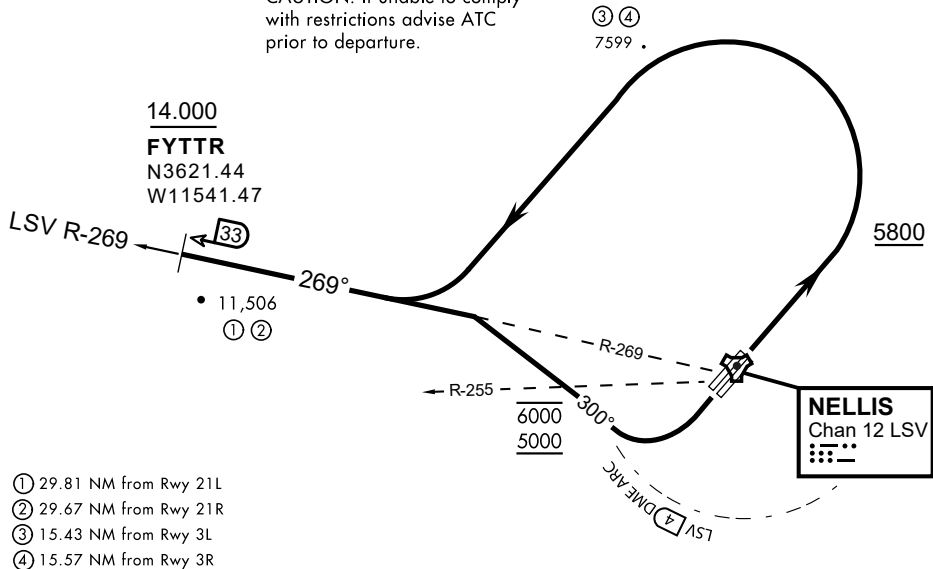
Rwy	Knots	60	120	180	240	300	360
3L ①	V/V(fpm)	394	788	1182	1576	1970	2364
3R ②	V/V(fpm)	392	784	1176	1568	1960	2352
21L ③	V/V(fpm)	388	776	1164	1552	1940	2328
21R ④	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate

① to 9300

③ 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



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.