

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1961/2023		Cougar 1		CAP		152000JUN23	
Task	ATO1001 - CAP - 30B35						Freq
AO	South of FEBA line						261.45
Departure				Recovery			
FYTTR THREE				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Cougar 1-1	Tank/Uta		1111	21Y	1561	
-2	Cougar 1-2	Bane		1112	84Y	1562	
-3	Cougar 1-3	Repsus/Lempo		1113	84X	1563	

LOADOUT			
A/A	2xA9M, 6xA54CM47		GUN 100% HEI
A/G			CHF 140
POD			FLR 60
TKS	2xFT300		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	20206			4000	2500

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	1: NFZ (HDG256 SPD999)	N37 16 W116 11		
2	2: SAM Thread (HDG44 SPD999)	N37 09 W116 48		
3	3: Tonopah AB	N37 48 W116 46		
4	FP: Groomlake GRL 18X	N37 13.9 W115 48.2	4475	
5	IP: CAP HOT330 A20 LH 10nm	N36 43 W116 20	20000	
6	ST: SA2	N37 35 W116 55		
7	HA: SA2	N37 42 W116 35		
8	HB: Bulls Eye	N37 23.4 W116 12.5		

COMMS	
Radio	Usage
1	261.45 / Tanker / 261.45
2	03 / 04 / 16 / 04 / 03

NOTES

=====TASKING=====

SEAD for Package A -> CAP for Package A

Package A:

Panther1 (Prinz/Razorback) = Strike

Tiger1 (Ghost) = SEAD

Raptor4 (Cyking) = SEAD

Raptor5 (Newbie) = Sweep, Escord for Strike

Cougar

ROE: weapons free, ?DECLARE via OVERLORD?

gameplan: EL HUSKY 2, EL2 Trailing (TWS+Cleanup)

=====SEQUENCE=====

T/O Nellis

VFR FYTTTR3

running RDVZ

MilPwrCmb A20 -> IP Cougar

CAP IP Cougar

hot 330°M A20 10NM LH Split EL CRUISE

all behind FEBA are reporting in

RAPTOR1 on Standby for trailing HOSTILE

RTB LSV

VFR REC STRYK

=====AUTHENTICATION=====

RAMROD OVERLORD "H Y P N O T I Z E D" or via DRYAD (Buchstaben von AWACS sind Zeile und Buchstabe, Antwort ist der darunter)

=====NAV GRID=====

BE : N37 23.4 W116 12.5

Sec: 4 - Ang: 120 - HDG: 300

=====D/L=====

F2F - 312.0Mhz (Bei Jester nicht ändern!)

=====RADIO=====

according to FPT

=====SUPPORT=====

E3 - MAGIC - 377.8 Human - 337.9 AI

KC135 MPRS - ARCO1 - 319.800 - 113Y (maybe no preset)

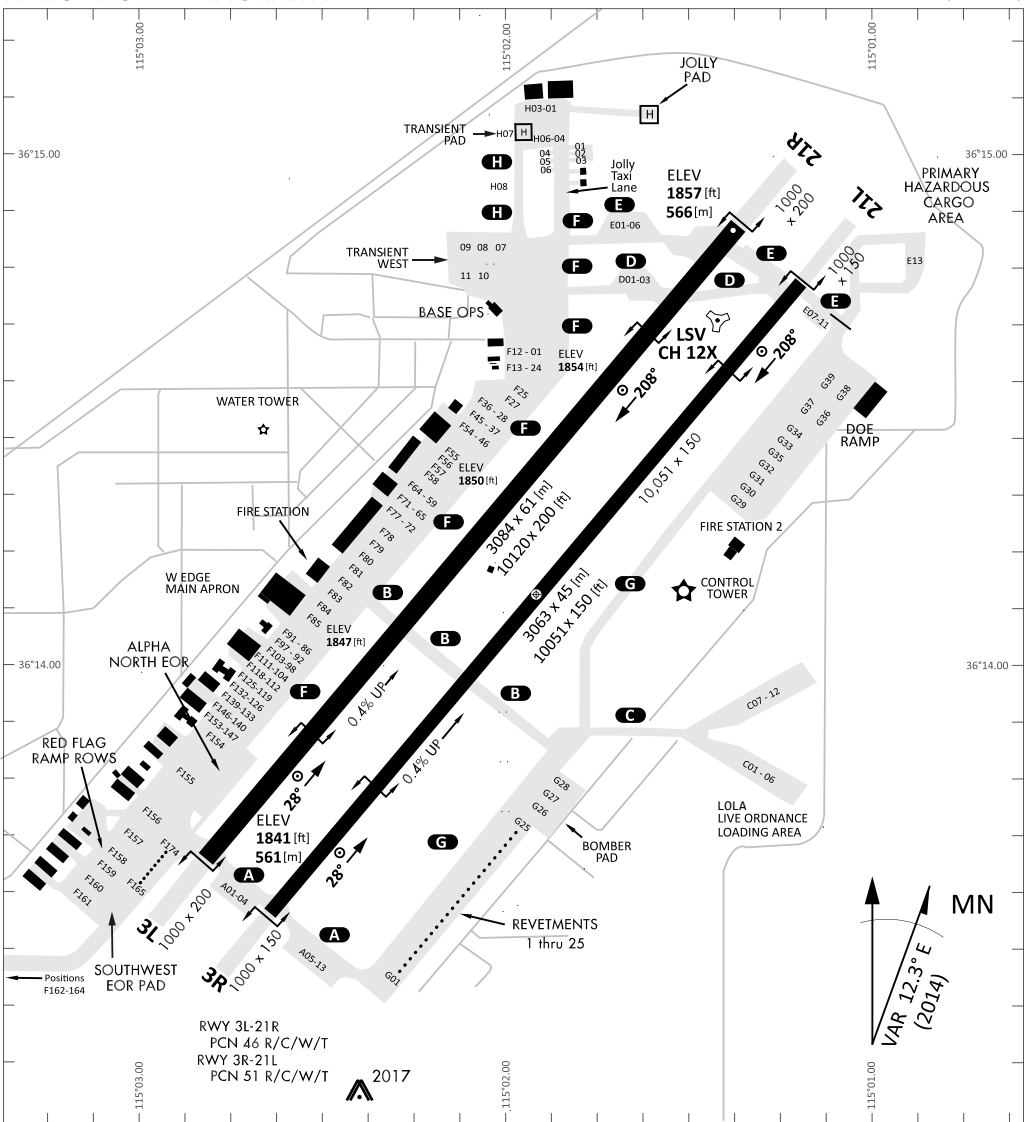
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Tiger 1	SEAD	4x F/A-18C	261.15	11/74		155X
	AO	SEAD	Task	ATO 1002 - B25/28		
Tiger 2	SEAD	4x F/A-18C	261.25	11/74		155X
	AO		Task	ATO 1003 - SEAD		
Panther 1	Strike	4x F/A-18C	261.35	31/94		157X
	AO		Task	ATO1004 - Strike Package Mellan LZ		
Raptor 4	SEAD	4x F-16C	134.0	21/84		156X
	AO		Task	ATO 1005 - SEAD NORTH, NW		
Monster 5	CAS	4x A-10C	132.15	25/88	21	161X
	AO	South of Tonopah Airfield 00B14	Task	ATO 1007 - Convoy Hunt		
Rattler 2	CAS	2x AH-64D	133.5	21/84		125X
	AO		Task	ATO 1009 - Convoy Hunt		
T-Rex 5	DEAD	4x A-10C	132.25	25/88	21	161X
	AO	DEAD / GROUND STRIKE	Task	ATO 1008		
Fury 1	CAP	2x M-2000C	304.0	21/84		156X
	AO		Task	RED FORCE MIG CAP		
Raptor 5	Sweep	4x F-16C	134.1	21/84		156X
	AO		Task	ATO 1006 - Sweep / Strike Escort		

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	
H	Y	P	N	O	T	I	Z	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	HQPV	RMD	LNG	SE	TY	CFW	BO	IJ	AX	KU
B	XJCD	LMN	KHR	GS	TY	OIA	PQ	BW	VF	UE
C	HTGE	SJP	WOY	FC	LB	RIU	VK	QM	XN	DA
D	ADQN	XTO	YSH	JR	GP	CVU	MI	EW	LF	BK
E	DGXW	INK	UAH	VL	OP	RQC	ST	MF	YE	JB
F	STUH	JOG	KDM	RW	PX	VNC	BE	LI	QY	AF
G	XPHW	IUD	BAS	GE	LR	OTJ	FC	KV	YM	QN
H	QGBD	XUF	JLC	OY	HN	WSR	VK	IP	TM	EA
I	JHTI	AWR	BMO	XF	SC	QLU	NP	ED	YK	GV
J	VXHB	NWU	CGT	OY	RK	LQS	ED	IM	FJ	PA
K	IGVL	RUH	OKT	WQ	PB	NDC	FY	EX	SM	JA
L	UFGO	KMJ	BPH	IL	QR	XDN	AC	SE	YV	TW
M	GPJH	VIW	UBR	SD	LQ	OEX	NY	AM	KF	TC
N	BYMI	GAT	OVF	UC	EX	WJH	SK	RQ	ND	LP
O	AHRG	UPT	MIQ	WN	XY	JBV	DS	KL	EC	FO
P	WQKM	CRH	FTA	EU	GP	LNS	OD	VB	YX	IJ
Q	TPWY	KHG	VSR	JI	QF	MNB	XA	UO	LD	EC
R	TWHQ	RUY	MNJ	LO	GK	BAS	CV	PI	FD	EX
S	LNFX	SYJ	DHO	WM	TK	PRG	QC	BU	IA	EV
T	LIXH	YWD	FRO	KG	AT	UEN	CB	MV	PQ	SJ
U	GCJW	FXE	URB	OI	MS	HVL	NQ	PK	TA	YD
V	ILWF	VMQ	XGC	ON	PJ	TBR	EA	HY	SU	KD
W	FBSX	NQK	VJY	DP	LI	HRO	MC	GT	WA	UE
X	UXNO	TJK	HFP	BI	VY	SEA	LG	QR	CW	MD
Y	XFCA	QPR	HKD	NB	LV	IGW	EJ	OM	YT	SU

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	CAT	MINIMA		ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500					
PAR	21L 3R	A B D E A B D E	2057 - Q.8 200 (200-0.8/1.6) GS 3° 2057 - 0.8 200 (200-0.8/1.6) GS 3°				030060090012001500 [m] 010002000300040005000 [ft]					
SRA	21R 3L	A C D E A C D E	2257 - 1.2 350 (350-1.2/1.6) 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

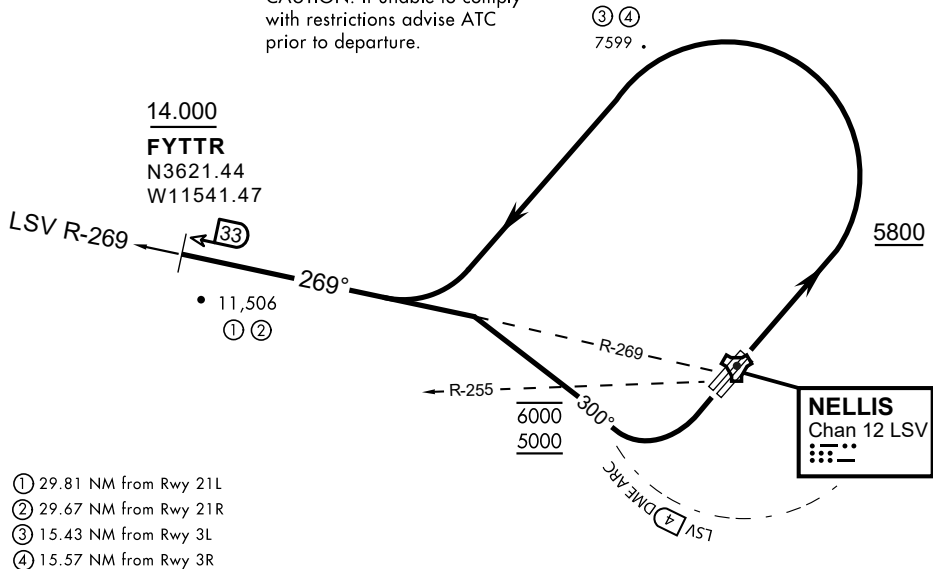
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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

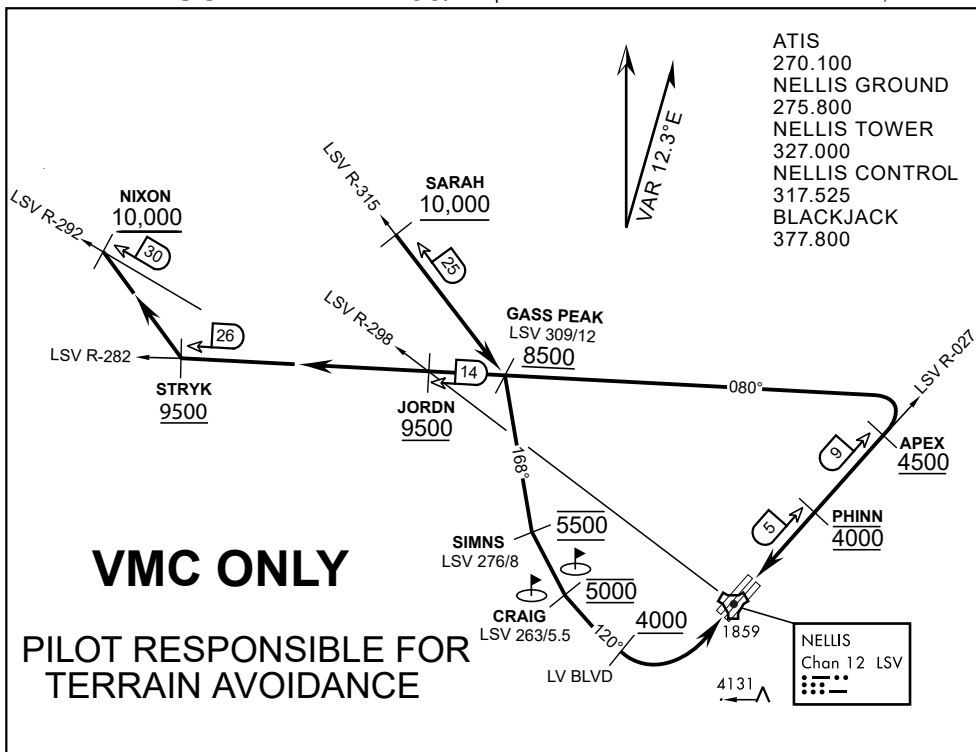
- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

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.