

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
2101/2023		Nazgul* 6		Training		312000AUG23	
Task	Low level VFR					Freq	
AO	Crystal Springs					261.25	
Departure			Recovery				
DREAM FOUR			RAMMM				
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Nazgul* 6-1	Striver		1161	21Y	1561	
-2	Nazgul* 6-2	Uta		1162	84Y	1562	
-3	Nazgul* 6-3	Repsus/Lempo		1163	84X	1563	
-4	Nazgul* 6-4	Razorback		1164	21X	1564	

LOADOUT			
A/A	2xC9M	GUN	100% SAPHEI
A/G		CHF	240
POD		FLR	0
TKS		FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	22588				

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	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	MINTT	LSV 339/28 LAS 351/38 (N36 42.740 W115 06.290)	17.000	
2	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	17.000	
3	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	5.000	
4	CRYSTAL SPRING	N37 32 W115 14	2.000	
5	Student Gap	LSV 349/82 (N37 37 W115)	2.000	
6	RAMMM	LSV 024/38 (N36 45 W114 33.330)	13.000	
7	APEX	LSV 027/09 (N36 21.580 W114 54.340)	4.500	

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler 3	Training	2x AH-64D	133.5	21/84		125X
	AO	LATNC Hot	Task	CRM		
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		160X
	AO	ALAMO + R61	Task	WEAPON TRAINING + NSEQ ROUTE		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Nellis - Creech - Nellis	Task	BJT		
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO	Range 64	Task	DB - AAR		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO	Range 64	Task	DB - AAR		
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	RANGE 76	Task	A2G - Mav Training (Visual)		

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	
V	O	L	K	S	W	A	G	E	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FMVR	NTY	KGB	EC	AQ	LXO	PI	HW	SU	JD
B	COWE	LAK	XMG	BJ	RT	SFD	NU	PH	YQ	IV
C	PTVY	GIK	RHL	MD	WN	OEA	QS	UB	XC	FJ
D	BFXM	WLV	GUQ	KT	PY	ROE	NH	DS	CA	JI
E	RKCG	QEO	SDF	NU	HB	IWP	JT	XA	YM	VL
F	SQVE	IYL	RMB	DU	WT	FPJ	NH	KA	XO	GC
G	YOLQ	HDW	VBS	NT	FA	JIP	MU	EC	XG	RK
H	HVQJ	KCX	FNS	GI	WR	MLU	TB	DP	EY	AO
I	UQGM	PAK	BHL	XS	EV	FDR	ON	TI	CW	YJ
J	NMFE	UDK	HBR	PC	XV	AQO	GS	TI	JL	WY
K	OANG	RCE	WJV	HB	TP	YIX	MK	UL	DS	QF
L	BSGY	AVI	TCN	EX	DP	UOH	RF	KJ	WL	QM
M	SRAV	EBF	PXQ	LH	GY	MKW	IT	JU	OC	ND
N	ONXQ	KSD	GMW	FJ	TI	VHR	CL	EY	UP	BA
O	GUOH	QFX	NSM	CD	IA	VPK	EY	RB	TL	JW
P	JUNS	GCD	AYP	VQ	TB	OEW	MX	HL	IF	KR
Q	QFTP	NHX	YRS	JB	DI	WEG	OK	UA	LM	VC
R	SOHC	TUR	BMI	YD	KE	PLF	JX	QV	AG	NW
S	KJBL	XFN	QET	RG	UI	MPD	VW	YC	HS	OA
T	WESG	DTH	XJQ	KO	UA	PRY	IV	MF	NL	BC
U	BFDE	RKO	HCT	WJ	IS	NYQ	VM	AG	XU	LP
V	NERM	UJS	OFT	LC	AD	PBI	GQ	KV	XY	WH
W	MXPH	LIS	RNU	OK	GB	WDC	FV	TY	JA	EQ
X	WYJM	EDP	KOG	HV	LT	QCU	AR	IN	XS	FB
Y	CAWB	PUN	YJT	HX	SQ	MKG	RV	LD	EO	IF

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

* Minimum † ATC Climb Rate

- (a) to 3600
- (b) to 3100
- (c) to 17,000
- (d) to 8500

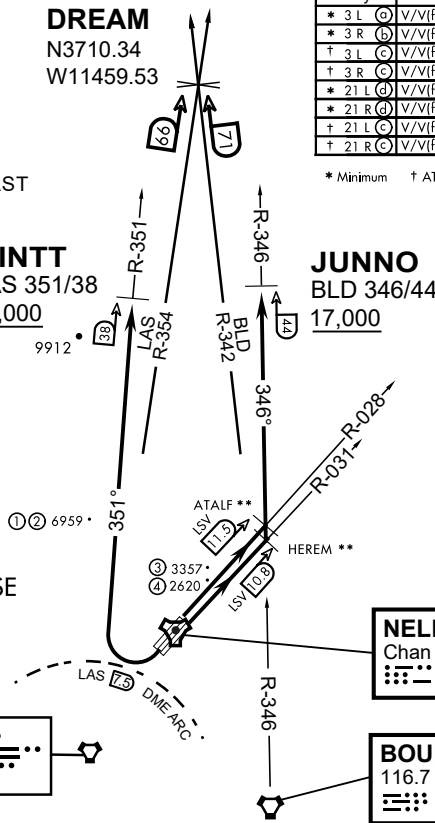
** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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.

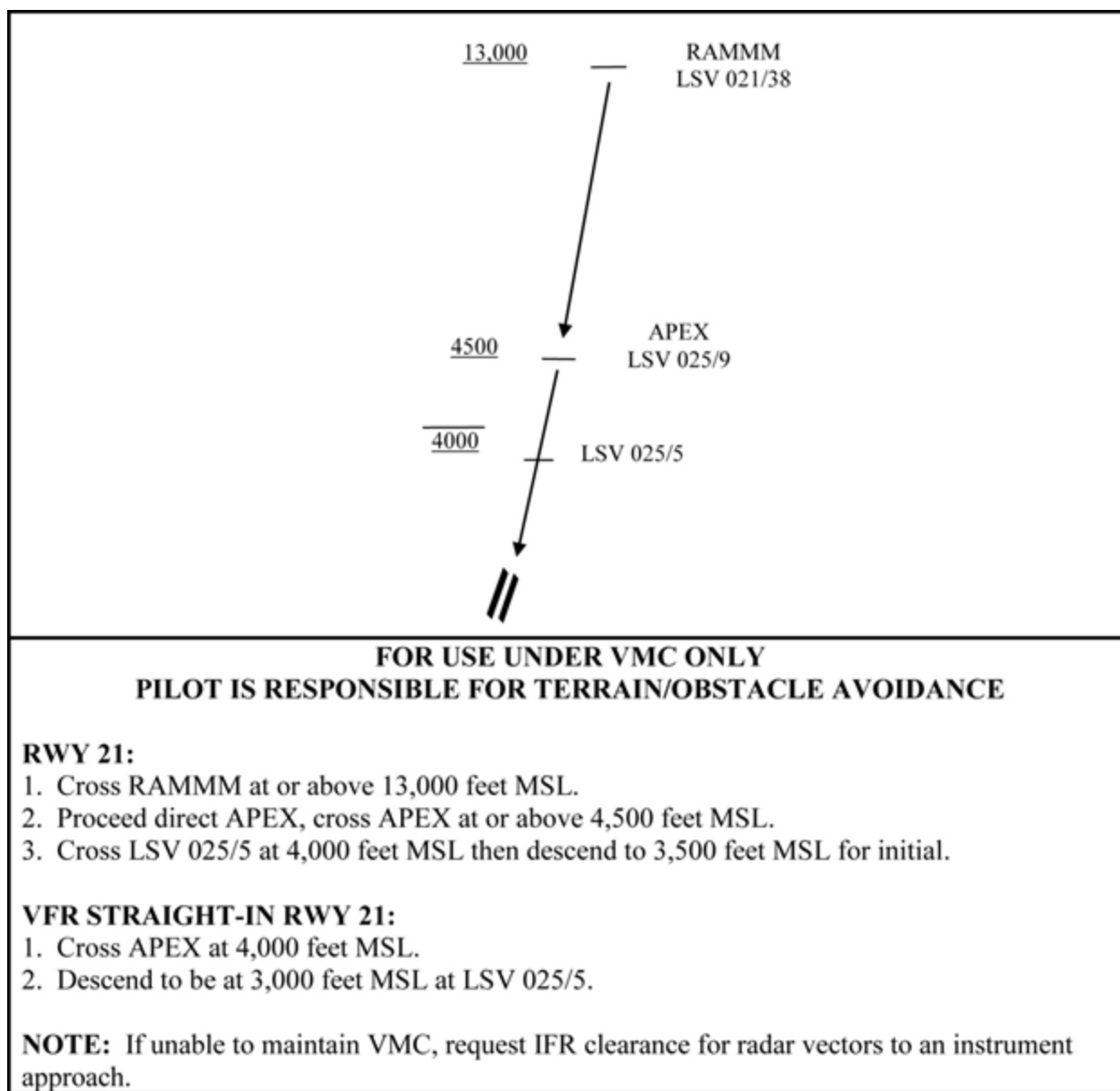
TAKE-OFF RWY 3R

- 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

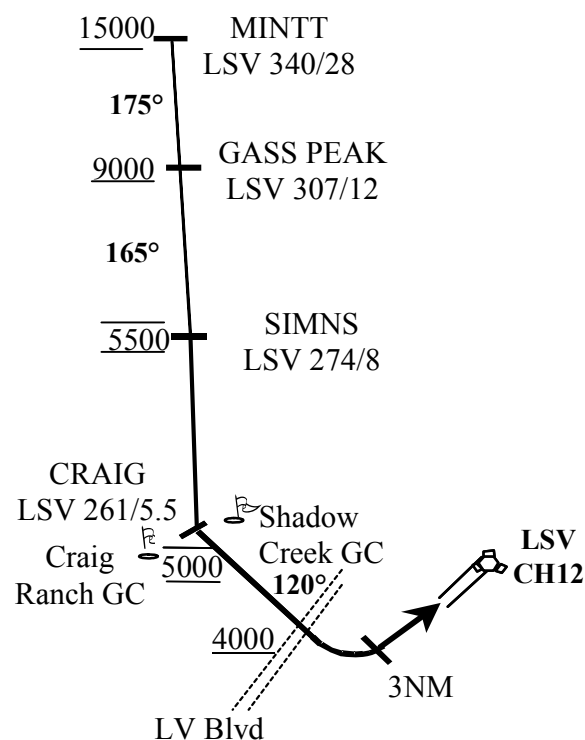
- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions

Figure A23.5. RAMMM Recovery (Not For Use In IMC).

**CONTENT OF THIS PUBLICATION HAS BEEN APPROVED
BY
99 ABW/CC**

FIGURE 4.10. MINTT RECOVERY (NOT FOR USE IN IMC).
FOR USE UNDER VMC ONLY
PILOT IS RESPONSIBLE FOR TERRAIN/OBSTACLE AVOIDANCE

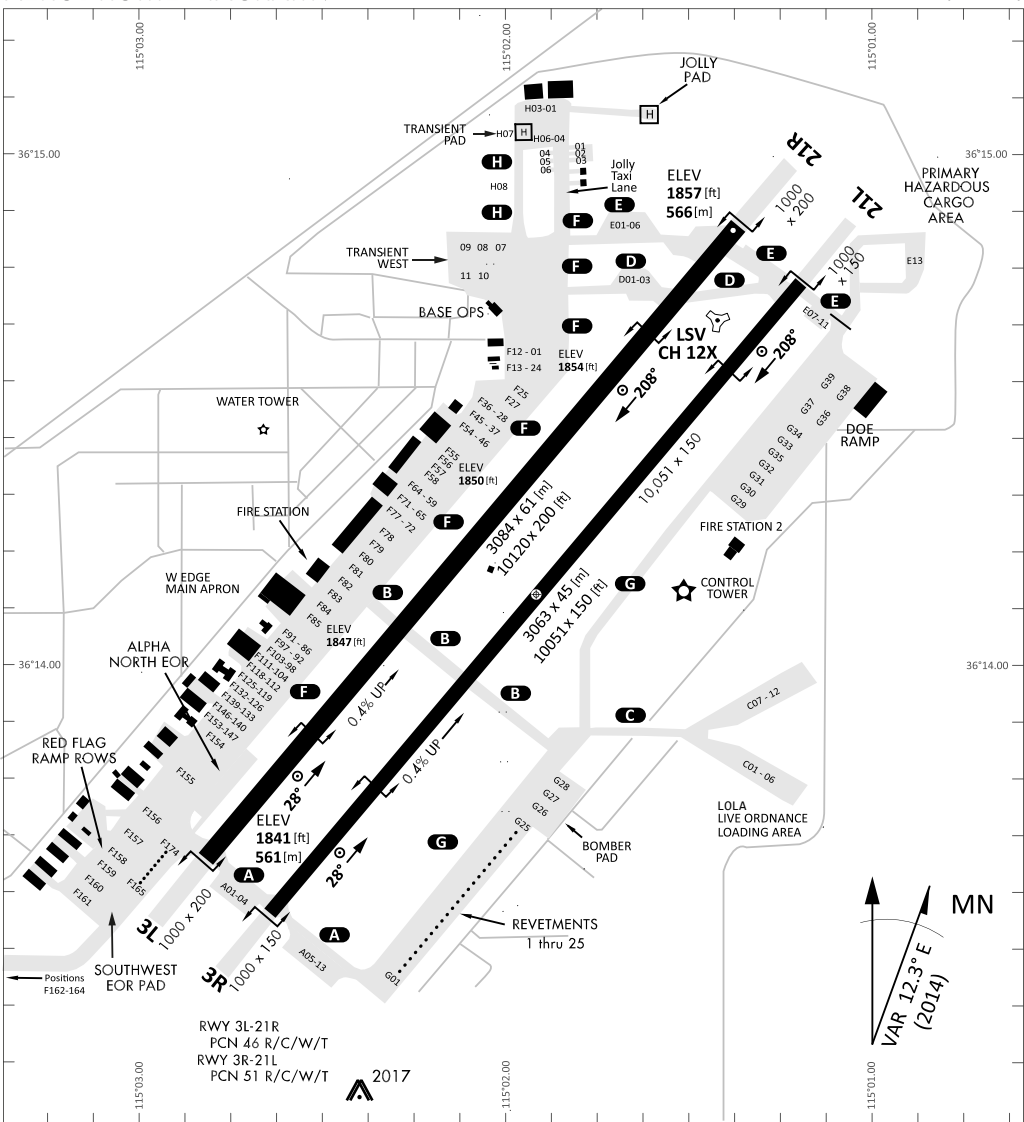


OVERHEAD:

- Cross MINTT at or above 15,000 feet MSL, direct GASS PEAK
- Cross GASS PEAK at or above 9,000 feet MSL
- Cross SIMNS at 5,500 feet MSL
- Cross CRAIG at 5,000 feet MSL; Report CRAIG to Tower
- Cross Las Vegas Blvd at or above 4,000 feet MSL, then to 3,500 feet MSL for initial
- Remain within 4 DME of LSV on turn to initial

VFR STRAIGHT-IN:

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



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