

# Crown RMT Mission Overview and Flight Card Deck

Mission #	Date	Test Conductor	Mission Director	
CR0008	28 OCT 15	Leo Mecialis	Jim Chancellor	
Players	Crew	A/A	Call Sign	On Station
RMT	Skalisky/ Brownlowe	n/a	Voodoo 1	0830-1230 PDT
MD	Chancellor	n/a	Crown	0830-1230 PDT
LEAR				0915-1145 PDT

Frequencies		
Agency	Primary	Secondary
Mission UHF	n/a	n/a
VHF Backup	123.15	123.125
Joshua		
China Control		

Range Particulars			
Area	Altitude	Time	Ops Code
R-2508	FL255	0830-1230 PDT	n/a
R-2508	FL205	0830-1230 PDT	n/a

Timeline		Notes: All runs in Isabella/Owens, FL255 @ 360 KGS or FL205 @ 330 KGS.  CEASE BUZZER: Primary: 381.9 Backup: RMT Sat.Phone: 870-774-03-0786
Brief	0600	
Start	0730	
TO	0800	
Land	1300	

CREW ROSTER		VIPs / OBSERVERS	
C 1	Joe Peralta	Jennifer Lee	
C 2	Sue Brown		
C 3/4	M. Borroto		
C 5/6	M. House		
C 7	Leo Mecialis		
C 8	Jim Chancellor	COCKPIT	
C 9	Andrew Fresquez	PIC	Skalisky
C 10	Dan Zilka	SIC	Brownlowe
C 11	Dave Kupfer	FE	O'Brien
		FMX	Kinder

- Bring up systems according to the Crown Radar Startup sheet.
- Enter R-2508 at Rosie and exercise the Profile 1 racetrack while waiting for instrumentation to come up. Expect to run Profile 1 for approximately 45 minutes
- Start Profile 2 with the Lear 35 at approximately 0915.
- RBM can be run against Rogers Lakebed on the backlegs.
- When the Lear 35 is BINGO fuel (around 1145), switch to running SSS against the B-2 IPR reflector array.
- Data collection priorities are determined by the Test Conductor and are subject to change based on real-time evaluation of system performance.

## CROWN CR0008 PASS FLOW

#	Card	Test Scenario	Timing					Test Procedure	Waypoint(s)	Map	Sense Switches
			Passes	Duration	Hours	Start Time	Stop Time				
1		Takeoff		0.0	0.0	8:00:00	8:00:00				
2	CPU	Establish, start power up		6.0	0.10	8:00:00	8:06:00				
3		Radar up in climb, R-2508		12.0	0.30	8:06:00	8:18:00				
4		Instrumentation up		16.0	0.57	8:18:00	8:34:00	Instrumentation up 15 minutes after Rosie arrival.			
5	C0x	AME Profile 1, RBM on reset	4	40.0	1.23	8:34:00	9:14:00	WP E to WP F over flat terrain	E, F		
6	C0x	Lear Profile 2, RBM on reset	3	34.0	1.80	9:14:00	9:48:00	WP 1 to WP 2, 0 degree Nose aspect SWT.	1, 2, 3, 4		
7	C0x	Lear Profile 3, RBM on reset	3	34.0	2.37	9:48:00	10:22:00	WP 1 , 10 degree Nose aspect SWT.	1,		
8	C0x	Lear Profile 4, RBM on reset	3	34.0	2.93	10:22:00	10:56:00	WP 1 , 20 degree Nose aspect SWT.	1,		
9	C0x	Lear Profile 5, RBM on reset	2	22.7	3.31	10:56:00	11:18:40	WP 1 to WP 2, 360 turn SWT.	1, 2, 3, 4		
10	C0x	Lear Profile 6, RBM on reset	2	22.7	3.69	11:18:40	11:41:20	WP 1 to WP 2, 2g ± 30 clipped weaves SWT.	1, 2, 3, 4		
11	C0x	SSS, Profile 2, RBM on reset	5	56.7	4.63	11:41:20	12:38:00	Map from 45 to 20 NM	1, 2, 3, 4		
24		A/C Bingo		22.0	5.00	12:38:00	13:00:00	RTB, power down, land LAX.		TBD	
		Totals:	22	300.0							

CR0008 BRAVO 16 SEP 2015

## CROWN CR0008 WAYPOINTS AND TARGET LIST

### LEAR 35 WAYPOINTS

<b>1</b>	N 36° 10.0' W 118° 10.0'
<b>2</b>	N 35° 50.0' W 118° 10.0'

### RMT WAYPOINTS

<b>A</b>	N 35° 20.0' W 118° 10.0'
<b>B</b>	N 35° 40.0' W 118° 10.0'
<b>C</b>	N 35° 40.0' W 118° 00.0'
<b>D</b>	N 35° 20.0' W 118° 00.0'
<b>E</b>	N 35° 05.0' W 118° 05.0'
<b>F</b>	N 35° 20.0' W 117° 50.0'
<b>G</b>	N 35° 25.0' W 117° 57.0'
<b>H</b>	N 35° 10.0' W 118° 12.0'

### RMT TARGET LIST

<b>C 00</b>	B-2 IPR Center	N 34° 58.5' W 117° 50.1'
<b>C 01</b>	Echo Parking Lot	N 35° 29.3' W 117° 16.5'
<b>C 02</b>	Sup Valley Airfield	N 35° 17.1' W 117° 06.1'
<b>C 03</b>	Sup. Valley SAM	N 35° 18.1' W 117° 05.7'
<b>C 04</b>	MNR Array	N 34° 51.6' W 117° 46.5'
<b>C 05</b>	AFFTC Museum	N 34° 54.8' W 117° 55.3'
<b>C 06</b>	Mojave Airport	N 35° 03.4' W 118° 08.9'
<b>C 12</b>	B-2 TSD Array	N 34° 59.3' W 117° 54.0'
<b>C 20</b>	EAFB Gate Mus.	N 34° 52.3' W 117° 59.4'
<b>C 26</b>	PTR Array	N 34° 54.0' W 117° 47.7'

### ROSIE

N 34° 51.15'  
W 118° 12.39'

### DAGGS

N 34° 58.13'  
W 116° 57.72'

## LAND SAR MAP POINTS

<b>C 00</b>	B-2 IPR Center	34.975100 -117.835100	N 34° 58.5' W 117° 50.1'	2282'
<b>C 01</b>	Echo Parking Lot	35.488700 -117.274400	N 35° 29.3' W 117° 16.5'	2439'
<b>C 02</b>	Sup Valley Airfield	35.2854 -117.1020	N 35° 17.1' W 117° 06.1'	3065'
<b>C 03</b>	Sup. Valley SAM	35.301200 -117.095500	N 35° 18.1' W 117° 05.7'	3107'
<b>C 04</b>	MNR Array	34.85978 -117.77536	N 34° 51.6' W 117° 46.5'	2419'
<b>C 05</b>	AFFTC Museum	34.9128 -117.9214	N 34° 54.8' W 117° 55.3'	2323'
<b>C 06</b>	Mojave Airport	35.0570 -118.1490	N 35° 03.4' W 118° 08.9'	2749'
<b>C 07</b>	Range Deer	35.672700 -117.689800	N 35° 40.4' W 117° 41.4'	2261'
<b>C 08</b>	Four Corners	34.9925 -117.5418	N 34° 59.6' W 117° 32.5'	2474'
<b>C 09</b>	Cal City Tank	35.1653 -117.8557	N 35° 09.9' W 117° 51.3'	2573'
<b>C 10</b>	Cal City Prison	35.1530 -117.8590	N 35° 09.2' W 117° 51.5'	2573'
<b>C 11</b>	Boron Radar	35.0811 -117.5822	N 35° 04.9' W 117° 34.9'	3070'
<b>C 12</b>	B-2 TSD Array	34.9879 -117.8995	N 34° 59.3' W 117° 54.0'	2346'
<b>C 13</b>	Highway 14 Rosie	34.8850 -118.1663	N 34° 53.1' W 118° 10.0'	2553'

## LAND SAR MAP POINTS

<b>C 14</b>	Highway 58	35.0069 -117.6650	N 35° 00.4' W 117° 39.9'	2526'
<b>C 15</b>	Farm and Field	35.6935 -118.2425	N 35° 41.6' W 118° 14.5'	2723'
<b>C 16</b>	Crop Circle	35.7946 -117.8616	N 35° 47.7' W 117° 51.7'	2420'
<b>C 17</b>	JetHawk Stadium	34.7030 -118.1730	N 34° 42.2' W 118° 10.4'	2320'
<b>C 18</b>	Cal City W/water	35.1440 -117.9330	N 35° 08.6' W 117° 56.0'	2320'
<b>C 19</b>	Honda Track	35.2600 -117.9700	N 35° 15.6' W 117° 58.2'	2058'
<b>C 20</b>	EAFB Gate Mus.	34.8710 -117.9908	N 34° 52.3' W 117° 59.4'	2419'
<b>C 21</b>	I-40 / RR Ludlow	34.7730 -116.3694	N 34° 46.4' W 116° 22.2'	2165'
<b>C 22</b>	Keith's Rotator	35.2170 -118.0123	N 35° 13.0' W 118° 00.7'	2273'
<b>C 23</b>	Hwy 14 Inyokern	35.6661 -117.8724	N 35° 40.0' W 117° 52.3'	2731'
<b>C 24</b>	Fairmont Reservoir	34.7118 -118.4353	N 34° 42.7' W 118° 26.1'	3041'
<b>C 25</b>	Van Nuys Airport	34.2120 -118.4900	N 34° 12.7' W 118° 29.4'	756'
<b>C 26</b>	PTR Array	34.8992 -117.7947	N 34° 54.0' W 117° 47.7'	2285'
<b>C 27</b>	Inyokern Airport	35.652833 -117.828076	N 35° 39.2' W 117° 49.7'	2435'