

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R				
1			Date:	None - pickup																		
2			Run description:	FRC/RMFO																		
3			Base pressures: SEC IG (T)	12/5/11																		
4			CC IG (T)																			
5			FEC IG (T)																			
6			SEC Baratron (T)	.0082																		
7			CC Baratron (T)	.002																		
8			Antennas/delay lines	2-turn, RG-217, 15" long																		
9			RMF frequency & phase																			
10			Magnet configuration & PS	4x8 + 8x4 coils; BB PS; eight BN-covered FCs Recentered 4-turn MC coil																		
11			RMF system	SRS-> duty factor limiter -> AR100LM9 -> 8KD -> 200 kW home made																		
12			Wall Time	41:29																		
13	B=I*0.72	L-2 Coils I (A)		12 coils																		
14		Nozzle coils I (A)		102																		
15		SEC IG (T)																				
16		SEC Slow Baratron (T)		SRS																		
17		CC IG (T)																				
18		CC slow Baratron (T)		.590																		
19		FEC IG (T)		.600																		
20		FEC FB (T)		.650																		
21		Ta paddle voltage		.700																		
22		Main valve		.670																		
23		Navigator valve		.620																		
24		End turbo valve		.520																		
25		Gases/feed location/sccm																				
26		PV-10 (V)																				
27		Pulse A to/Δt																				
28		B to/Δt																				
29		C to/Δt																				
30		Diagnostics LeCroy time																				
31		CC Pressure (mT)		Pb																		
32				Pa																		
33	170 GHz	dia (mV)/IM freq																				
34	Glassman	High Voltage (kV)																				
35	RMFO system	main SRS																				
36		Pulse width(ms)/s between pulses																				
37		Frequency: Center(MHz)/Span(KHz)																				
38		Phase °																				
39		Pa																				
40		Pr/% refl																				
41		ΦM																				
42		FEC probe																				
43		CC Probe																				
44		Helicon Pf/Pr																				
45		Helicon (SRS/mod)																				
46		Comments/changes:	for Δφ = π/2, ne = 2.1e12 cm-3 for 16-cm dia plasma																			