

UDP to DatarRef converter for v8.15 - created by Sandy Barbour

DatarRef (Array datarefs will show the index to use on the right)

Conversion

0	1	1/(sim/operation/misc/frame_rate_period)	
	2	None	
	3	sim/operation/misc/time_ratio	
	4	sim/graphics/view/visibility_framerate_ratio	
	5	None	
	6	None	
	7	None	
	8	None	
1	1	sim/time/total_running_time_sec	
	2	sim/time/timer_elapsed_time_sec	
	3	sim/time/local_time_sec	1.0/3600.0
	4	sim/time/zulu_time_sec	1.0/3600.0
	5	None	
	6	None	
	7	None	
	8	sim/time/paused	
2	1	sim/flightmodel/position/true_airspeed	mtrs/s to kts
	2	sim/flightmodel/position/indicated_airspeed	
	3	sim/flightmodel/position/true_airspeed	mtrs/s to kts times nm to sm
	4	sim/flightmodel/position/indicated_airspeed	nm to sm
	5	sim/flightmodel/position/vh_ind_fpm	
	6	None	
	7	sim/flightmodel/groundspeed	mtrs/s to kts
	8	sim/flightmodel/groundspeed	mtrs/s to kts times nm to sm
3	1	sim/flightmodel/position/true_airspeed	1.0 / sim/weather/speed_sound_ms
	2	sim/flightmodel/forces/g_nrml	
	3	sim/flightmodel/forces/g_axil	-1
	4	sim/flightmodel/forces/g_side	
	5	None	
	6	None	
	7	None	
	8	None	
4	1	sim/physics/earth_pressure_p	pascals to hg
	2	sim/physics/earth_temp_c	
	3	sim/weather/wind_speed_kt	mtrs/s to kts
	4	sim/weather/wind_direction_degt	
	5	None	
	6	None	
	7	None	
	8	None	
5	1	None	pascals to hg
	2	sim/weather/temperature_ambient_c	
	3	sim/weather/temperature_le_c	
	4	sim/physics/g_sealevel	mtrs to ft
	5	sim/weather/sigma	

6 sim/flightmodel/misc/Qstatic  
7 sim/weather/speed\_sound\_ms  
8 None

6  
1 sim/cockpit/misc/barometer\_setting  
2 sim/flightmodel/engine/ENGN\_sigma  
3 None  
4 sim/cockpit/misc/vacuum  
5 None  
6 None  
7 None  
8 None

7  
1 sim/joystick/yolk\_pitch\_ratio  
2 sim/joystick/yolk\_roll\_ratio  
3 sim/joystick/yolk\_heading\_ratio  
4 None  
5 sim/flightmodel/controls/vectrqst  
6 sim/flightmodel/controls/swdirqst  
7 None  
8 None

8  
1 sim/joystick/artstab\_pitch\_ratio  
2 sim/joystick/artstab\_roll\_ratio  
3 sim/joystick/artstab\_heading\_ratio  
4 None  
5 None  
6 None  
7 None  
8 None

9  
1 sim/joystick/FC\_ptch  
2 sim/joystick/FC\_roll  
3 sim/joystick/FC\_hdng  
4 None  
5 None  
6 None  
7 None  
8 None

10  
1 sim/aircraft/parts/acf\_sweepnow using index 8  
2 sim/aircraft/parts/acf\_sweepnow using index 10  
3 sim/aircraft/parts/acf\_sweepnow using index 12  
4 sim/aircraft/parts/acf\_sweepnow using index 16  
5 None  
6 sim/flightmodel/controls/swdi  
7 None  
8 None

11  
1 sim/flightmodel/controls/elv\_trim  
2 sim/flightmodel/controls/ail\_trim  
3 sim/flightmodel/controls/rud\_trim  
4 sim/flightmodel/controls/rot\_trim  
5 sim/flightmodel/controls/sbrkrat  
6 sim/flightmodel/controls/flaprat

Metric Pressure to English Pressure  
mtrs/s to kts

7 sim/flightmodel/controls/slatrat  
8 sim/flightmodel/controls/sbrkrqst  
12  
1 sim/cockpit/switches/gear\_handle\_status  
2 sim/flightmodel/controls/parkbrake  
3 sim/flightmodel/controls/l\_brake\_add  
4 sim/flightmodel/controls/r\_brake\_add  
5 None  
6 None  
7 None  
8 None

13  
1 sim/flightmodel/position/M nmtrs to ftlbs  
2 sim/flightmodel/position/L nmtrs to ftlbs  
3 sim/flightmodel/position/N nmtrs to ftlbs  
4 None  
5 None  
6 None  
7 None  
8 None

14  
1 sim/flightmodel/position/Q\_dot  
2 sim/flightmodel/position/P\_dot  
3 sim/flightmodel/position/R\_dot  
4 None  
5 None  
6 None  
7 None  
8 None

15  
1 sim/flightmodel/position/Q  
2 sim/flightmodel/position/P  
3 sim/flightmodel/position/R  
4 None  
5 None  
6 None  
7 None  
8 None

16  
1 sim/flightmodel/position/theta  
2 sim/flightmodel/position/phi  
3 sim/flightmodel/position/psi  
4 sim/flightmodel/position/magpsi  
5 sim/flightmodel/position/magnetic\_variation  
6 sim/cockpit/autopilot/heading\_mag  
7 None  
8 None

17  
1 sim/flightmodel/position/alpha  
2 sim/flightmodel/position/beta  
3 sim/flightmodel/position/hpath  
4 sim/flightmodel/position/vpath  
5 None  
6 None  
7 None

8	sim/flightmodel/misc/slip	
18		
1	sim/flightmodel/position/latitude	
2	sim/flightmodel/position/longitude	
3	sim/flightmodel/position/elevation	mtrs to ft
4	sim/flightmodel/position/y_agl	mtrs to ft
5	None	
6	sim/flightmodel/misc/h_ind	
7	sim/flightmodel/position/lat_ref	
8	sim/flightmodel/position/lon_ref	
19		
1	sim/flightmodel/position/local_x	
2	sim/flightmodel/position/local_y	
3	sim/flightmodel/position/local_z	
4	sim/flightmodel/position/local_vx	
5	sim/flightmodel/position/local_vy	
6	sim/flightmodel/position/local_vz	
7	sim/flightmodel/controls/dist	mtrs to ft
8	sim/flightmodel/controls/dist	mtrs to nm
20		
1	sim/flightmodel/position/latitude	
2	sim/multiplayer/position/plane1_lat	
3	sim/multiplayer/position/plane2_lat	
4	sim/multiplayer/position/plane3_lat	
5	sim/multiplayer/position/plane4_lat	
6	sim/multiplayer/position/plane5_lat	
7	sim/multiplayer/position/plane6_lat	
8	sim/multiplayer/position/plane7_lat	
21		
1	sim/flightmodel/position/longitude	
2	sim/multiplayer/position/plane1_lon	
3	sim/multiplayer/position/plane2_lon	
4	sim/multiplayer/position/plane3_lon	
5	sim/multiplayer/position/plane4_lon	
6	sim/multiplayer/position/plane5_lon	
7	sim/multiplayer/position/plane6_lon	
8	sim/multiplayer/position/plane7_lon	
22		
1	sim/flightmodel/position/elevation	mtrs to ft
2	sim/multiplayer/position/plane1_el	
3	sim/multiplayer/position/plane2_el	
4	sim/multiplayer/position/plane3_el	
5	sim/multiplayer/position/plane4_el	
6	sim/multiplayer/position/plane5_el	
7	sim/multiplayer/position/plane6_el	
8	sim/multiplayer/position/plane7_el	
23	sim/flightmodel/engine/ENGN_thro	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7

24	sim/flightmodel/engine/ENGN_propmode	
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
25	sim/flightmodel/engine/ENGN_prop	rsc to rpm
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
26	sim/flightmodel/engine/ENGN_mixt	
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
27	sim/flightmodel/engine/ENGN_heat	
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
28	sim/flightmodel/engine/ENGN_cowl	
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
29	sim/cockpit/engine/ignition_on	
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
30	sim/cockpit/engine/starter_duration	

1  
2  
3  
4  
5  
6  
7  
8  
31 sim/flightmodel/engine/ENGN\_power

1  
2  
3  
4  
5  
6  
7  
8

32 sim/flightmodel/engine/POINT\_thrust

1  
2  
3  
4  
5  
6  
7  
8  
33 sim/flightmodel/engine/ENGN\_TRQ

1  
2  
3  
4  
5  
6  
7  
8  
34 sim/flightmodel/engine/ENGN\_tacrad

1  
2  
3  
4  
5  
6  
7  
8  
35 sim/flightmodel/engine/POINT\_tacrad

36 1 None

0  
1  
2  
3  
4  
5  
6  
7  
watts to hp

0  
1  
2  
3  
4  
5  
6  
7  
ntn to lbs

0  
1  
2  
3  
4  
5  
6  
7  
ntn mtrs to ftlbs

0  
1  
2  
3  
4  
5  
6  
7  
rsc to rpm

0  
1  
2  
3  
4  
5  
6  
7  
rsc to rpm

0  
1  
2  
3  
4  
5  
6  
7

2	None	
3	None	
4	None	
5	None	
6	None	
7	None	
8	None	
37	sim/flightmodel/jetwash/Dvinc	mtrs/s to kts
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
38	sim/flightmodel/engine/ENGN_N1_	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
39	sim/flightmodel/engine/ENGN_N2_	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
40	sim/flightmodel/engine/ENGN_MPR	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
41	sim/flightmodel/engine/ENGN_EPR	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
42	sim/flightmodel/engine/ENGN_FF_	kgs to lbs
1		0
2		1

3  
4  
5  
6  
7  
8  
43 sim/flightmodel/engine/ENGN\_ITT\_c  
1  
2  
3  
4  
5  
6  
7  
8  
44 sim/flightmodel/engine/ENGN\_EGT\_c  
1  
2  
3  
4  
5  
6  
7  
8  
45 sim/flightmodel/engine/ENGN\_CHT\_c  
1  
2  
3  
4  
5  
6  
7  
8  
46 sim/flightmodel/engine/ENGN\_oil\_press\_psi  
1  
2  
3  
4  
5  
6  
7  
8  
47 sim/flightmodel/engine/ENGN\_oil\_temp\_c  
1  
2  
3  
4  
5  
6  
7  
8  
48 sim/flightmodel/engine/ENGN\_gen\_amp  
1  
2  
3

2  
3  
4  
5  
6  
7  
0  
1  
2  
3  
4  
5  
6  
7  
0  
1  
2  
3  
4  
5  
6  
7  
0  
1  
2  
3  
4  
5  
6  
7  
0  
1  
2

4  
5  
6  
7  
8  
49 sim/flightmodel/engine/ENGN\_bat\_amp  
1  
2  
3  
4  
5  
6  
7  
8  
50 sim/flightmodel/engine/ENGN\_bat\_volt  
1  
2  
3  
4  
5  
6  
7  
8  
56 sim/cockpit/engine/igniters\_on  
1  
2  
3  
4  
5  
6  
7  
8  
51 sim/cockpit/engine/fuel\_pump\_on  
1  
2  
3  
4  
5  
6  
7  
8  
52 sim/cockpit/engine/idle\_speed  
1  
2  
3  
4  
5  
6  
7  
8  
55 sim/cockpit/engine/fadec\_on  
1  
2  
3  
4

3  
4  
5  
6  
7  
0  
1  
2  
3  
4  
5  
6  
7  
0  
1  
2  
3  
4  
5  
6  
7  
0  
1  
2  
3  
4  
5  
6  
7  
0  
1  
2  
3

5		4
6		5
7		6
8		7
53	sim/cockpit/electrical/generator_on	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
54	sim/cockpit/engine/inverter_on --- This is 2 in the datarefs	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
57		kgs to lbs
1	sim/flightmodel/weight/m_fixed	
2	None	
3	sim/flightmodel/weight/m_fuel1	
4	sim/flightmodel/weight/m_fuel2	
5	sim/flightmodel/weight/m_fuel3	
6	sim/flightmodel/weight/m_jettison	
7	None	
8	None	
58		
1	sim/aircraft/weight/acf_m_empty	kgs to lbs
2	sim/flightmodel/weight/m_total	kgs to lbs
3	sim/aircraft/weight/acf_m_max	kgs to lbs
4	None	
5	sim/flightmodel/misc/cgz_ref_to_default	mtrs to ft
6	None	
7	None	
8	None	
59		
1	sim/flightmodel/forces/lift_path_axis	ntn to lbs
2	sim/flightmodel/forces/drag_path_axis	ntn to lbs
3	sim/flightmodel/forces/side_path_axis	ntn to lbs
4	None	
5	None	
6	None	
7	None	
8	None	
60		
1	sim/flightmodel/forces/fnrml_prop	ntn to lbs
2	sim/flightmodel/forces/faxil_prop	ntn to lbs
3	sim/flightmodel/forces/fside_prop	ntn to lbs
4	None	
5	None	

6	None	
7	None	
8	None	
61		
1	None	
2	None	
3	None	
4	None	
5	None	
6	None	
7	None	
8	None	
62		
1	None	
2	None	
3	None	
4	None	
5	None	
6	None	
7	None	
8	None	
63		
1	None	
2	None	
3	None	
4	None	
5	None	
6	None	
7	None	
8	None	
64	sim/flightmodel/engine/POINT_prop_eff	
1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
65	sim/flightmodel/controls/ail1_def	
1		8
2		9
3		10
4		11
5		12
6		13
7		14
8		15
66	sim/flightmodel/controls/ail2_def	
1		8
2		9
3		10
4		11
5		12
6		13

	7		14
	8		15
67	sim/flightmodel/controls/splr_def		
	1		8
	2		9
	3		10
	4		11
	5		12
	6		13
	7		14
	8		15
68			
	1 None		
	2 sim/flightmodel/controls/rsplrdef		
	3 None		
	4 None		
	5 None		
	6 None		
	7 None		
	8 None		
69	sim/flightmodel/parts/elev_cont_def		
	1		16
	2		17
	3 None		
	4 None		
	5 None		
	6 None		
	7 None		
	8 None		
70			
	1 sim/flightmodel/controls/rudd_def using index 18		
	2 sim/flightmodel/controls/rudd_def using index 19		
	3 sim/flightmodel/controls/rudd2_def using index 18		
	4 sim/flightmodel/controls/rudd2_def using index 19		
	5 None		
	6 None		
	7 None		
	8 None		
71	sim/flightmodel/controls/yawb_def		
	1		8
	2		9
	3		10
	4		11
	5		12
	6		13
	7		14
	8		15
72	sim/flightmodel/cyclic/vertcant		
	1		0
	2		1
	3		2
	4		3
	5		4
	6		5
	7		6

73	8	sim/flightmodel/cyclic/sidecant	7
	1		0
	2		1
	3		2
	4		3
	5		4
	6		5
	7		6
	8		7
74	8	sim/flightmodel/cyclic/cyclic_elev_disc_tilt	7
	1		0
	2		1
	3		2
	4		3
	5		4
	6		5
	7		6
	8		7
75	8	sim/flightmodel/cyclic/cyclic_ailn_disc_tilt	7
	1		0
	2		1
	3		2
	4		3
	5		4
	6		5
	7		6
	8		7
76	8	sim/flightmodel/cyclic/cyclic_elev_blad_alph	7
	1		0
	2		1
	3		2
	4		3
	5		4
	6		5
	7		6
	8		7
77	8	sim/flightmodel/cyclic/cyclic_ailn_blad_alph	7
	1		0
	2		1
	3		2
	4		3
	5		4
	6		5
	7		6
	8		7
78	8	sim/flightmodel/parts/CL_grndeffect	7
	1		8
	2		9
	3		10
	4		11
	5		12
	6		13
	7		14
	8		15

79	sim/flightmodel/parts/CD_grndeffect	
	1	8
	2	9
	3	10
	4	11
	5	12
	6	13
	7	14
	8	15
80		
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
81	sim/flightmodel/parts/CL_grndeffect	
	1	16
	2	17
	3	18
	4	19
	5	
	6	
	7	
	8	
82	sim/flightmodel/parts/CD_grndeffect	
	1	16
	2	17
	3	18
	4	19
	5	
	6	
	7	
	8	
83		
	1 None	
	2 None	
	3 None	
	4 None	
	5 None	
	6 None	
	7 None	
	8 None	
84	sim/flightmodel/parts/CL_grndeffect	
	1	0
	2	1
	3	2
	4	3
	5	4
	6	5
	7	6
	8	7
85	sim/flightmodel/parts/CD_grndeffect	

1		0
2		1
3		2
4		3
5		4
6		5
7		6
8		7
86	sim/flightmodel/parts/nrml_force	ntn to lbs
1		8
2		9
3		10
4		11
5		12
6		13
7		14
8		15
87	sim/flightmodel/parts/axil_force	ntn to lbs
1		8
2		9
3		10
4		11
5		12
6		13
7		14
8		15
88	sim/flightmodel/parts/nrml_force	
1		16 ntn to lbs
2		17 ntn to lbs
3		18 ntn to lbs
4		19 ntn to lbs
5	None	
6	None	
7	None	
8	None	
89	sim/flightmodel/parts/axil_force	
1		16 ntn to lbs
2		17 ntn to lbs
3		18 ntn to lbs
4		19 ntn to lbs
5	None	
6	None	
7	None	
8	None	
90		
1	sim/cockpit/radios/com1_freq_hz	
2	sim/cockpit/radios/com1_stdby_freq_hz	
3	sim/cockpit/radios/com2_freq_hz	
4	sim/cockpit/radios/com2_stdby_freq_hz	
5	None	
6	None	
7	None	
8	None	
91		
1	sim/cockpit/radios/nav1_freq_hz	

2 sim/cockpit/radios/nav1\_stdby\_freq\_hz  
 3 sim/cockpit/radios/nav2\_freq\_hz  
 4 sim/cockpit/radios/nav2\_stdby\_freq\_hz  
 5 sim/cockpit/radios/nav\_type using index 0  
 6 sim/cockpit/radios/nav\_type using index 1  
 7 sim/cockpit/radios/nav1\_course\_degm  
 8 sim/cockpit/radios/nav2\_course\_degm  
 92  
 1 sim/cockpit/radios/nav1\_obs\_degm  
 2 sim/cockpit/radios/nav1\_fromto  
 3 sim/cockpit/radios/nav2\_obs\_degm  
 4 sim/cockpit/radios/nav2\_fromto  
 5 None  
 6 None  
 7 None  
 8 None  
 93  
 1 sim/cockpit/radios/nav1\_hdef\_dot  
 2 sim/cockpit/radios/nav1\_vdef\_dot  
 3 sim/cockpit/radios/nav1\_dir\_degt  
 4 sim/cockpit/radios/nav1\_dme\_dist\_m  
 5 sim/cockpit/radios/nav2\_hdef\_dot  
 6 sim/cockpit/radios/nav2\_vdef\_dot  
 7 sim/cockpit/radios/nav2\_dir\_degt  
 8 sim/cockpit/radios/nav2\_dme\_dist\_m  
 94  
 1 sim/cockpit/radios/adf1\_freq\_hz  
 2 sim/cockpit/radios/adf1\_obs\_card\_mag  
 3 sim/cockpit/radios/adf1\_dir\_degt  
 4 None  
 5 sim/cockpit/radios/adf2\_freq\_hz  
 6 sim/cockpit/radios/adf2\_obs\_card\_mag  
 7 sim/cockpit/radios/adf2\_dir\_degt  
 8 None  
 95  
 1 sim/cockpit/switches/DME\_radio\_selector  
 2 sim/cockpit/radios/NNNX\_dme\_dist\_m (Need to vary X according to "sim/cockpit/switches/DME\_distance\_or\_time")  
 3 sim/cockpit/radios/NNNX\_dme\_speed\_kts (Need to vary NNNX according to "sim/cockpit/switches/DME\_distance\_or\_time")  
 4 sim/cockpit/radios/NNNX\_dme\_time\_secs (Need to vary NNNX according to "sim/cockpit/switches/DME\_distance\_or\_time")  
 5 sim/cockpit/radios/NNNX\_has\_dme (Need to vary NNNX according to "sim/cockpit/switches/DME\_distance\_or\_time")  
 6 sim/cockpit/switches/DME\_distance\_or\_time  
 7 sim/cockpit/radios/dme\_freq\_hz  
 8  
 96  
 1 sim/cockpit/gps/destination\_type  
 2 sim/cockpit/gps/destination\_index  
 3 sim/cockpit/radios/gps\_dme\_dist\_m  
 4 sim/cockpit/radios/  
 5 sim/cockpit/radios/  
 6 sim/cockpit/radios/gps\_hdef\_dot  
 7 sim/cockpit/radios/gps\_fromto  
 8 sim/cockpit/radios/gps\_dir\_degt  
 97  
 1 sim/cockpit/radios/transponder\_mode  
 2 sim/cockpit/radios/transponder\_code

3 sim/cockpit/radios/transponder\_id  
4 sim/cockpit/radios/transponder\_brightness  
5 None  
6 None  
7 None  
8 None

98

1 sim/cockpit/misc/outer\_marker\_lit  
2 sim/cockpit/misc/middle\_marker\_lit  
3 sim/cockpit/misc/inner\_marker\_lit  
4 sim/cockpit/radios/marker\_audio\_working  
5 None  
6 None  
7 None  
8 None

99

1 sim/cockpit/electrical/battery\_on  
2 sim/cockpit/electrical/avionics\_on  
3 sim/cockpit/electrical/nav\_lights\_on  
4 sim/cockpit/electrical/beacon\_lights\_on  
5 sim/cockpit/electrical/strobe\_lights\_on  
6 sim/cockpit/electrical/landing\_lights\_on  
7 sim/cockpit/electrical/taxi\_light\_on  
8 sim/cockpit/switches/audio\_panel\_out

100

1 sim/cockpit/switches/ECAM\_mode  
2 sim/cockpit/switches/EFIS\_dme\_1\_selector  
3 sim/cockpit/switches/EFIS\_dme\_2\_selector  
4 sim/cockpit/switches/HSI\_selector  
5 None  
6 None  
7 sim/cockpit/switches/RMI\_selector  
8 sim/cockpit/switches/EFIS\_map\_range\_selector

101

1 None  
2 sim/cockpit/autopilot/autopilot\_mode  
3 sim/cockpit/autopilot/flight\_director\_pitch  
4 sim/cockpit/autopilot/flight\_director\_roll  
5 None  
6 sim/cockpit/electrical/HUD\_on  
7 sim/cockpit/electrical/HUD\_brightness  
8 None

102

1 sim/cockpit/switches/anti\_ice\_on  
2 sim/cockpit/switches/anti\_ice\_inlet\_heat  
3 sim/cockpit/switches/anti\_ice\_prop\_heat  
4 sim/cockpit/switches/anti\_ice\_window\_heat  
5 sim/cockpit/switches/pitot\_heat\_on  
6 sim/cockpit/switches/pitot\_heat\_on2  
7 sim/cockpit/switches/anti\_ice\_AOA\_heat  
8 sim/cockpit/switches/anti\_ice\_surf\_heat

103

1 sim/cockpit/switches/anti\_ice\_surf\_boot  
2 sim/cockpit/switches/anti\_ice\_inert\_sep  
3 sim/cockpit/switches/anti\_ice\_auto\_ignite

4 None  
5 sim/cockpit/engine/fuel\_tank\_selector  
6 sim/cockpit/switches/dumping\_fuel  
7 None  
8 None

104  
1 sim/cockpit/switches/pre\_rotating  
2 sim/cockpit/switches/pre\_rotate\_level  
3 sim/cockpit/engine/clutch\_engage  
4 None  
5 sim/cockpit/switches/yaw\_damper\_on  
6 sim/cockpit/switches/art\_stab\_on  
7 sim/cockpit/switches/auto\_brake\_settings  
8 None

105  
1 None  
2 sim/cockpit/misc/radio\_altimeter\_minimum  
3 sim/cockpit/switches/prop\_sync\_on  
4 sim/cockpit/switches/auto\_feather\_mode  
5 None  
6 None  
7 sim/cockpit/switches/arresting\_gear  
8 sim/cockpit/switches/parachute\_on

106  
1 sim/cockpit/warnings/annunciators/master\_caution  
2 sim/cockpit/warnings/annunciators/master\_warning  
3 sim/cockpit/warnings/annunciators/master\_accept  
4 sim/cockpit/warnings/annunciators/autopilot\_disconnect  
5 sim/cockpit/warnings/annunciators/low\_vacuum  
6 sim/cockpit/warnings/annunciators/low\_voltage  
7 sim/cockpit/warnings/annunciators/fuel\_quantity  
8 sim/flightmodel/misc/prop\_osped\_test\_timeout

107  
1 sim/cockpit/warnings/annunciators/hydraulic\_pressure  
2 None  
3 None  
4 None  
5 None  
6 None  
7 sim/cockpit/warnings/annunciators/fuel\_pressure  
8 sim/cockpit/warnings/annunciators/oil\_pressure

108  
1 sim/cockpit/autopilot/airspeed\_mode  
2 sim/cockpit/autopilot/heading\_mode  
3 sim/cockpit/autopilot/altitude\_mode  
4 None  
5 None  
6 sim/cockpit/autopilot/backcourse\_on  
7 None  
8 None

109  
1 sim/cockpit/autopilot/airspeed  
2 sim/cockpit/autopilot/heading\_mag  
3 sim/cockpit/autopilot/vertical\_velocity  
4 sim/cockpit/autopilot/altitude

5 sim/cockpit/autopilot/current\_altitude  
6 None  
7 None  
8 None

110  
1 sim/weapons/del\_psi  
2 sim/weapons/del\_the  
3 sim/weapons/Rrad  
4 sim/weapons/Qrad  
5 sim/weapons/rudd\_rat  
6 sim/weapons/elev\_rat  
7 sim/weapons/V\_msc  
8 sim/weapons/dist\_targ

111  
1 sim/cockpit/pressure/cabin\_altitude\_set\_m\_msl  
2 sim/cockpit/pressure/cabin\_vvi\_set\_m\_msec  
3 sim/cockpit/pressure/cabin\_altitude\_set\_m\_msl  
4 sim/cockpit/pressure/cabin\_vvi\_actual\_m\_msec  
5 sim/cockpit/pressure/pressure\_test\_timeout  
6 sim/cockpit/pressure/bleed\_air\_mode  
7 None  
8 None

112  
1 sim/cockpit/warnings/annunciator\_test\_timeout  
2 sim/cockpit/warnings/master\_accept\_on  
3 sim/cockpit/warnings/master\_caution\_on  
4 sim/cockpit/radios/gear\_audio\_working  
5 sim/flightmodel/failures/stallwarning  
6 sim/flightmodel/failures/lo\_rotor\_warning  
7 None  
8 None

113  
1 None  
2 None  
3 None  
4 None  
5 None  
6 None  
7 None  
8 None

114  
1 sim/flightmodel/failures/pitot\_ice  
2 None  
3 sim/flightmodel/failures/aoa\_ice  
4 sim/flightmodel/failures/prop\_ice  
5 sim/flightmodel/failures/inlet\_ice  
6 sim/flightmodel/failures/window\_ice  
7 sim/flightmodel/failures/frm\_ice  
8 None

115  
1 sim/aircraft/acf\_Vso  
2 sim/aircraft/acf\_Vs  
3 sim/aircraft/acf\_Vfe  
4 sim/aircraft/overflow/acf\_Vle  
5 sim/aircraft/acf\_Vno

6 sim/aircraft/acf\_Vne  
7 sim/aircraft/acf\_Mmo  
8 None

116  
1 sim/joystick/eq\_ped\_nobrk  
2 sim/joystick/eq\_ped\_wibrk  
3 None  
4 sim/joystick/eq\_pfc\_pedals  
5 None  
6 None  
7 None  
8 None

117  
1 sim/graphics/view/view\_x  
2 sim/graphics/view/view\_y  
3 sim/graphics/view/view\_z  
4 sim/graphics/view/view\_pitch  
5 sim/graphics/view/view\_heading  
6 sim/graphics/view/view\_roll  
7 None  
8 None

118  
1 sim/flightmodel/misc/plugin\_ground\_center using index 0  
2 sim/flightmodel/misc/plugin\_ground\_center using index 1  
3 sim/flightmodel/misc/plugin\_ground\_center using index 2  
4 sim/flightmodel/misc/plugin\_ground\_slope\_normal using index 0  
5 sim/flightmodel/misc/plugin\_ground\_slope\_normal using index 2  
6 None  
7 None  
8 None

119  
1 None  
2 None  
3 None  
4 None  
5 None  
6 None  
7 None  
8 None

120  
1 None  
2 None  
3 None  
4 None  
5 None  
6 None  
7 None  
8 None