

A330

LABEL	DESCRIPTION
G97S_DSP_YTSIMTM_F4_1_	SIMULATOR TIME
JQ11A01A_1_	TOGA DISPLAYED
CAILL_1_	LEFT AILERON OUTBOARD [DEG]
CAILR_1_	RIGHT AILERON OUTBOARD [DEG]
CAILL_1_	LEFT AILERON INBOARD [DEG]
CAILR_1_	RIGHT AILERON INBOARD [DEG]
CAIL_1_	AVERAGE AILERON POSITION INBOARD [DEG]
CAIL_1_	AVERAGE AILERON POSITION OUTBOARD [DEG]
CSPOILL_1_	LEFT SPOILER 1 TO 6 POSITION (DEG)
CSPOILL_2_	LEFT SPOILER 1 TO 6 POSITION (DEG)
CSPOILL_3_	LEFT SPOILER 1 TO 6 POSITION (DEG)
CSPOILL_4_	LEFT SPOILER 1 TO 6 POSITION (DEG)
CSPOILL_5_	LEFT SPOILER 1 TO 6 POSITION (DEG)
CSPOILL_6_	LEFT SPOILER 1 TO 6 POSITION (DEG)
CSPOILR_1_	RIGHT SPOILER 1 TO 6 POSITION (DEG)
CSPOILR_2_	RIGHT SPOILER 1 TO 6 POSITION (DEG)
CSPOILR_3_	RIGHT SPOILER 1 TO 6 POSITION (DEG)
CSPOILR_4_	RIGHT SPOILER 1 TO 6 POSITION (DEG)
CSPOILR_5_	RIGHT SPOILER 1 TO 6 POSITION (DEG)
CSPOILR_6_	RIGHT SPOILER 1 TO 6 POSITION (DEG)
CSPLA_1_	LEFT AVE SPOILER POSITION
CSPra_1_	RIGHT AVE SPOILER POSITION
VFLAPS_1_	AVERAGE FLAP POSITION (DEGS)
JEA314AA_1_	LT ELEVATOR POSITION (DEGS)
JEA334AA_1_	RT ELEVATOR POSITION (DEGS)
G27_RUD_SPOS_F4_1_	RUDDER POSITION (DEGS)
G32C_BRK_PFOR_F4_1_	LEFT TOEBRAKE FORCE
G32C_BRK_PFOR_F4_1_	RIGHT TOEBRAKE FORCE
G32C_BRK_PPOS_F4_1_	LEFT TOEBRAKE POSITION
G32C_BRK_PPOS_F4_1_	RIGHT TOEBRAKE POSITION
ABPBA_1_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_2_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_3_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_4_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_5_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_6_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_7_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
ABPBA_8_	ACTUAL BRAKE PRESSURE TO WHEEL [PSI]
AB\$FLO_1_	AUTOBRAKE LOW ON LIGHT
AB\$FMED_1_	AUTOBRAKE MED ON LIGHT
AB\$FMAX_1_	AUTOBRAKE MAX ON LIGHT
G27_STAB_SPOS_F4_1_	HORIZONTAL STAB POSITION (DEGREES)
JEA305AA_1_	CAPTS PITCH COMMAND (+ = NOSE DOWN)
JEA301AA_1_	CAPTS ROLL COMMAND (+ = LEFT BANK)
JEA306AA_1_	F/OS PITCH COMMAND (+ = NOSE DOWN)
JEA302AA_1_	F/OS ROLL COMMAND (+ = LEFT BANK)
CIRFPOS_1_	RUDDER PEDAL POSITION (IN)

G27_RUD_AFOR_F4_1	RUDDER ACTUAL FORCE
ETLA_1	LEFT THROTTLE LEVEL ANGLE (DEGS)
ETLA_1	RIGHT THROTTLE LEVEL ANGLE (DEGS)
L04_SYSI_FLAP_LVR_F8_1	FLAP LEVER POSITION
G27_SPLR_PPOS_F4_1	SPEED BRAKE LEVER POSITION (-3=ARMED)
L04_SYSI_SPDBRK_F8_1	SPEEDBRAKE POSITION[DEG]
G04_EOM_CAS_F8_1	CALIBRATED AIRSPEED
L34A_ADC_TAS_F4_1	TRUE AIRSPEED (FT/SEC)
G04_EOM_GSPEED_F8_1	GROUND SPEED (KNOTS)
G04_EOM_MACH_F8_1	MACH NUMBER
G04_EOM_QBAR_F8_1	DYNAMIC PRESSURE
G04_EOM_ALT_PRESS_F8_1	PRESSURE ALTITUDE [FT]
O34A_RALT_ALT_F4_1	RADIO ALTITUDE
G04_EOM_ALT_AGL_F8_1	AGL (FT) (AIRCRAFT CG AGL)
G04_EOM_ALT_MSL_F8_1	MSL (FT)
L00A_CW_ENV_QFE_F4_1	AIRFIELD PRESSURE[INHG]
CI99_ENV_OAT_F4_1	TEMPERATURE AT A/C [C]
CI99_ENV_TEMP_F4_1	AIRFIELD TEMPERATURE [C]
VALPHA_1	ANGLE OF ATTACK
L34A_ADC_AOA_CORR_F4_1	ADC CORRECTED AOA (241)
L34A_ADC_AOA_IND_F4_1	ADC INDICATED AOA (221)
VBETA_1	SIDESLIP ANGLE
G04_EOM_VZ_F8_1	RATE OF CLIMB (FT/MIN)
CI99_ENV_WINDSPD_F4_1	WIND SPD
CI99_ENV_ACWINDSPD_F4_1	WIND SPEED AT AIRCRAFT
L04_AMB_WIND_EW_F8_1	EAST-WEST WIND COMPONENT [FT/S]
L04_AMB_WIND_NS_F8_1	NORTH-SOUTH WIND COMPONENT [FT/S]
L04_TURBV_V_F8_1	VELOCITY COMPONENT DUE TO TURB [FT/SEC]
L04_TURBV_V_F8_2	VELOCITY COMPONENT DUE TO TURB [FT/SEC]
L04_TURBV_V_F8_3	VELOCITY COMPONENT DUE TO TURB [FT/SEC]
L04_TURBV_V_F8_4	VELOCITY COMPONENT DUE TO TURB [FT/SEC]
L04_TURBV_V_F8_5	VELOCITY COMPONENT DUE TO TURB [FT/SEC]
L04_TURBV_WGTAIL_F8_1	VERTICAL VELOCITY OF TAIL PLANE [FT/SEC]
G04_EOM_THETA_DEG_F8_1	A/C PITCH EULER ANGLE [DEG]
G04_EOM_PHI_DEG_F8_1	A/C ROLL EULER ANGLE [DEG]
G04_EOM_PSI_DEG_F8_1	A/C HEADING EULER ANGLE [DEG]
RNA317AA_1	IRS MAG TRACK ANGLE
RNA320AA_1	IRS MAG HEADING
G34B_RU_ACLAT_F8_1	AIRCRAFT LATITUDE (DEGS)
G34B_RU_ACLON_F8_1	AIRCRAFT LONGITUDE (DEGS)
G04_EOM_P_F8_1	ROLL RATE - BODY AXIS [RAD/S]
G04_EOM_Q_F8_1	PITCH RATE - BODY AXIS [RAD/S]
G04_EOM_R_F8_1	YAW RATE - BODY AXIS [RAD/S]
G04_EOM_NZ_F8_1	Z AXIS LOAD FACTOR
G04_EOM_AX_F8_1	X-BODY AXIS ACCERLERATION (FT/SEC**2)
G04_EOM_AY_F8_1	Y-BODY AXIS ACCERLERATION (FT/SEC**2)
G04_EOM_AZ_F8_1	Z-BODY AXIS ACCERLERATION (FT/SEC**2)
G04_EOM_IAS_F8_1	INDICATED AIRSPEED (KNOTS)
O22M_FCU_AT1_MON_L1_1	FCU AUTOTHROTTLE ENGAGE

O22M_FCU_AP1_MON_L1_1_	FCU AP 1 (1=ENGAGED)
O22M_FCU_AP2_MON_L1_1_	FCU AP 2 (1=ENGAGED)
O22M_FCU_FD1_MON_L1_1_	FCU FD 1 ENGAGED (1=ENGAGED)
O22M_FCU_FD2_MON_L1_1_	FCU FD 2 ENGAGED (1=ENGAGED)
G04_EOM_VNS_F8_1_	A/C NORTH-SOUTH VELOCITY [FT/S]
G04_EOM_VEW_F8_1_	A/C EAST-WEST VELOCITY [FT/S]
G04_RRGH_XD_F8_1_	A/C X DISTANCE TO TOUCHDOWN [NM]
G04_RRGH_YD_F8_1_	A/C Y DISTANCE TO TOUCHDOWN [FT]
G04_GRND_WOW_L1_1_	ON GROUND WOW (-1 = ON GROUND)
L34_NAV_LOC_DEVDEG_F4_1_	ILS LOC DEVIATION [DEGS]
L34_NAV_GS_DEVDEG_F4_1_	ILS G/S DEVIATION [DEGS]
L34_NAV_LOC_DEVDDM_F4_1_	ILS LOC DEVIATION [DDM]
RDUMY47_1_	G/S DEV [FT}
G34_NAV_GS_DEVDDM_F4_1_	ILS G/S DEVIATION [DDM]
L99_RRGH_XD_F8_1_	A/C X DISTANCE AT TOUCHDOWN [FT]
L99_RRGH_YD_F8_1_	A/C Y DISTANCE AT TOUCHDOWN [FT]
TATHETA_1_	A/C ATTITUDE AT TOUCHDOWN[DEGS]
TAPHI_1_	ROLL ATTITUDE AT TOUCHDOWN [DEGS]
L99_EOM_VZ_F8_1_	RATE OF CLIMB (FT/MIN)
EFN_1_	ENG 1 THRUST (LBS)
EFN_2_	ENG 2 THRUST (LBS)
EN1_1_	ENG 1 N1 (RPM)
EN1_2_	ENG 2 N1 (RPM)

LABEL	DESCRIPTION
L22 FCC I TOGA SW L1 1	TOGA Switch
CAIL 1	Left Aileron Position
CAIL 1	Right Aileron Position
CSPLR 1	Ground Inboard Spoiler(6)
CSPLR 1	Ground Inboard Spoiler(7)
CSPLR 1	Flight Inboard Spoiler(5)
CSPLR 1	Flight Inboard Spoiler(8)
CSPLR 1	Flight Inboard Spoiler(4)
CSPLR 1	Flight Inboard Spoiler(9)
CSPLR 1	Flight Outboard Spoiler(3)
CSPLR 1	Flight Outboard Spoiler(10)
CSPLR 1	Flight Outboard Spoiler(2)
CSPLR 1	Flight Outboard Spoiler(11)
CSPLR 1	Ground Outboard Spoiler(1)
CSPLR 1	Ground Outboard Spoiler(12)
VSPL 1	Average Spoiler Left Pos (deg)
VSPR 1	Average Spoiler Right Pos (deg)
VFLAPS 1	Average Flap Angle
CELV 1	Left Elevator Position
CELV 1	Right Elevator Position
CRUD 1	Rudder Position
CBLPPOS 1	Brake Pedal Position (Left)
CBRPPOS 1	Brake Pedal Position (Right)
CBLPFOR 1	Brake Pedal Force (Left)
CBRPFOR 1	Brake Pedal Force (Right)
ABP 1	Brake Plate Pressure(Left OB)
ABP 1	Brake Plate Pressure(Left IB)
ABP 1	Brake Plate Pressure(Right IB)
ABP 1	Brake Plate Pressure(Right OB)
CHSTAB 1	Horizontal Stab Position
CECPPOS 1	Capt Column Position
CEFPPOS 1	F/O's Column Position
CACPPPOS 1	Capt Wheel Position
CAFPPOS 1	F/O's Wheel Position
CRPPOS 1	Rudder Pedal Position
CECPFOR 1	Capt Column Force
CEFPFOR 1	F/O's Column Force
CACPFOR 1	Capt Wheel Force
CAFPFOR 1	F/O's Wheel Force
CRPFOR 1	Rudder Pedal Force
ETLA 1	Left Throttle Lever Angle
ETLA 1	Right Throttle Lever Angle
CSBLEV 1	Speed Brake Lever Position
UWCAS 1	Calibrated Airspeed
VVT 1	True Airspeed
HGSPD 1	Ground Speed
VQBAR 1	Dynamic Pressure

VHH_1_	Pressure Altitude
UGRA_1_	Radio Altitude
VH_1_	Height Above Ground
VHS_1_	Height Above Sea Level/MSL
VHT_1_	Radio Altitude
TAOAT_1_	Temperature at A/C(C)
VALPHA_1_	Angle of Attack(deg)
UBAOAC_1_	ADC Corrected Angle of Attack
UBAOAI_1_	ADC Indicated Angle of Attack
VBETA_1_	Sideslip Angle
VZD_1_	Rate of Climb (ft/sec)
VWTURB_1_	Vel Components Due to Turbulence
VWTURB_1_	Vel Components Due to Turbulence
VWTURB_1_	Vel Components Due to Turbulence
VWTURB_1_	Vel Components Due to Turbulence
VWTURB_1_	Vel Components Due to Turbulence
VWGTAIL_1_	Vertical Velocity of Tailplane
VTHETADG_1_	Pitch Euler Angle
VPHIDG_1_	Roll Euler Angle
VPSIDG_1_	Heading Euler Angle
RNI_MAGTRK_ANG_1_	Magnetic Track Angle
RNI_MAGHDG_1_	Magnetic Heading
RUPLAT_1_	A/C Latitude
RUPLON_1_	A/C Longitude
VP_1_	Roll Rate Body Axis
VQ_1_	Pitch Rate Body Axis
VP_1_	Yaw Rate Body Axis
VNZL_1_	Z Axis Load Factor
VAZB_1_	Z-body Axis Acceleration
VAYB_1_	Y-body Axis Acceleration
VAXB_1_	X-body Axis Acceleration
VVNS_1_	A/C North-South Velocity
VVEW_1_	A/C East-West Velocity
CW\$SHKR1_1_	Capt Stick Shaker
G34B_RV_ACTOTD_F4_1_	Distance to Touchdown(nm)
G34B_RV_LOCDEVFT_F4_1_	Horizontal Deviation (ft)
HSQUAT_1_	Main Gear Squat (-1 = On ground)
VXD_1_	X Distance to Touchdown Latched
VYD_1_	Y Distance to Touchdown Latched
VZD_1_	Rate of Decent at Touchdown Latched
RBDLO_1_	LOC Deviation to instruments in dots
RBDGS_1_	G/SDeviation to instruments in dots
EFN_1_	Left Engine Net Thrust
EFN_1_	Right Engine Net Thrust
EPR_1_	Left Engine Pressure Ratio
EPR_1_	Right Engine Pressure Ratio
EN1_1_	Left Engine N1 (%RPM)
EN1_1_	Right Engine N1 (%RPM)
Time	

LABEL	DESCRIPTION
iterNum	
evtMkr	
timestamp	
TATIMELD	
RUPLAT	A/C LATITUDE[DEGS]
RUPLON	A/C LONGITUDE[DEGS]
CAILO_1_	OUTBOARD AILERON (L/R) [DEG]
CAILO_2_	
CAILI_1_	INBOARD AILERON (L/R) [DEG]
CAILI_2_	
CAILIA	AVE INBOARD AILERON ANGLE[DEG]
CAIOA	AVE OUTBOARD AILERON ANGLE[DEG]
CSP_1_	SPOILER POSITION[DEG]
CSP_2_	
CSP_3_	
CSP_4_	
CSP_5_	
CSP_6_	
CSP_7_	
CSP_8_	
CSP_9_	
CSP_10_	
CSP_11_	
CSP_12_	
VSPL	AVERAGE LEFT SPOILER POSITION[DEG]
VSPR	AVERAGE RIGHT SPOILER POSITION[DEG]
VFLAPS	AVG FLAP ANGLE[UNITS]
CELVIA	AVE INBOARD ELEVATOR ANGLE[DEG]
CELVOA	AVE OUTBOARD ELEVATOR ANGLE[DEG]
CRUD_1_	RUDDER ANGLE (UPPER/LOWER) [DEG]
CRUD_2_	
CIBLAFOR	L TOEBRAKE ACTUAL FORCE
CIBRAFOR	R TOEBRAKE ACTUAL FORCE
CIBLFPOS	L TOEBRAKE FOKKER POSITION
CIBRFPOS	L TOEBRAKE FOKKER POSITION
ABFL	TOTAL LEFT BRK FORCE[LBS]
ABFR	TOTAL RIGHT BRK FORCE[LBS]
VSTAB	STABILIZER ANGLE[DEG]
CIECFPOS	CAP ELEVATOR FOKKER POSITION
CAWPOS	AILERON WHEEL POSITION[DEG]
CIRPEDAL	RUDDER PEDAL POSITION[IN]
CEFORCE	CALCULATED COLUMN FORCE[LBS]
CIACAFOR	CAP AILERON ACTUAL FORCE
CIAFAFOR	F/O AILERON ACTUAL FORCE
CIRAFOR	RUDDER ACTUAL FORCE
IAETLA	ENG 1 THROTTLE LEVEL ANGLE[DEG]
IAETLA2	ENG 2 THROTTLE LEVEL ANGLE[DEG]

IAETLA3	ENG 3 THROTTLE LEVEL ANGLE[DEG]
IAETLA4	ENG 4 THROTTLE LEVEL ANGLE[DEG]
IAAWFLAP	FLAP LEVER
IASBH	SPEED BRAKE HANDLE
CSBLEV	SPEED BRAKE LEVER POS[DEG]
UWCAS	CALIBRATED AIRSPEED[KNOTS]
VVTKS	TRUE AIRSPEED[KTS]
RNVGO_1_	INERTIAL GROUND SPEED[KNOTS]
RNVGO_2_	
RNVGO_3_	
VM	MACH
VDYNPRS	DYNAMIC PRESSURE
VHH	PRESSURE ALTITUDE[FT]
UGRA_1_	RADIO ALTITUDE[FT]
UGRA_2_	
UGRA_3_	
VH	HEIGHT ABOUT GROUND[FT]
VHS	HEIGHT ABOUT SEA LEVEL/MSL[FT]
TAQFE	AIRFIELD PRESSURE[IN]
VHT	TIRE HEIGHT ABOVE GROUND[FT]
TAOAT	TEMPERATURE AT A/C[DEG C]
VTEMPF	TEMPERATURE AT A/C[DEG F]
VAFTEMP	AIRFIELD TEMPERATURE[DEG C]
VALPHA	ANGLE OF ATTACK[DEG]
UBAOAC_1_	ADC CORRECTED ANGLE OF ATTACK[DEG]
UBAOAC_2_	
UBAOAC_3_	
UBAOAI_1_	ADC INDICATED ANGLE OF ATTACK[DEG]
UBAOAI_2_	
UBAOAI_3_	
VBETA	SIDESLIP ANGLE[DEG]
VZDM	VERTICAL SPEED OF A/C[FT/MIN]
VPSIW	WIND DIRECTION[DEG]
VWIND	WIND SPEED AT AIRCRAFT[FT/SEC]
VVWEW	WIND COMPONENT WEST[FT/SEC]
VVWNS	WIND COMPONENT NORTH[FT/SEC]
VWTURB_1_	VEL. COMPONENTS DUE TO TURB[FT/SEC]
VWTURB_2_	
VWTURB_3_	
VWTURB_4_	
VWTURB_5_	
VWGTAIL	VERTICAL VELOCITY OF TAILPLANE[FT/SEC]
VTHETADG	PITCH EULER ANGLE[DEG]
VPHIDG	ROLL UELER ANGLE[DEG]
VPSIDG	HEADING EULER ANGLE[DEG]
RNPSITM_1_	MAGNETIC TRACK ANGLE[DEG]
RNPSITM_2_	
RNPSITM_3_	
RNPSIM_1_	MAGNETIC HEADING[DEG]

RNPSIM_2_	
RNPSIM_3_	
VP	ROLL RATE BODY AXIS[RAD/SEC]
VQ	PITCH RATE BODY AXIS[RAD/SEC]
VR	YAW RATE BODY AXIS[RAD/SEC]
VNZL	Z AXIS LOAD FACTOR[G'S]
VAZB	Z-BODY AXIS ACCELERATION[FT/SEC^2]
VAYB	Y-BODY AXIS ACCELERATION[FT/SEC^2]
VAXB	X-BODY AXIS ACCELERATION[FT/SEC^2]
VW	A/C GROSS WEIGHT[LBS]
VFUEL	TOTAL FUEL WEIGHT[LBS]
TAZFW	ZERO FUEL WEIGHT[LBS]
VXX	CENTER OF GRAVITY[MAC]
VCAS	INDICATED AIRSPEED[KNOTS]
VVNS	NORTH-SOUTH GROUND AXIS VELOCITY[FT/SEC]
VVEW	EAST-WEST GROUND AXIS VELOCITY [FT/SEC]
RVRTD	HORIZONTAL DEV'N[FT]
RVDLK	HORITZONTAL DEV'N[FT]
SIGSE	VOTED GLIDESLOPE DEVIATION[DEG]
SILOCDEV	VOTED LOCALIZER DEVIATION[DEG]
RBDGS_1_	LOC DEV'N TO INSTS +VE = LEFT[DOTS]
RBDGS_2_	
RBDGS_3_	
SIDYLOCF	FILTERED LOCALIZER DEVIATION DIST[FT]
SIGSDHG	GLIDESLOOP DEVIATION DISTANCE[FT]
RBDLO_1_	LOC DEV'N TO INSTS +VE = RIGHT [DOTS]
RBDLO_2_	
RBDLO_3_	
TATDX	TOUCH DOWN X POS. WRT TO THRESHOLD[FT]
TATDY	TOUCH DOWN Y POS. WRT TO THRESHOLD[FT]
TATHETA	PITCH ATTITUDE SLEW
TAPHI	ROLL ALTITUDE SLEW
TATDROD	TOUCH DOWN VERTICAL SPEED[FT/MIN]
EFN_1_	ENGINE NET THRUST[LBS]
EFN_2_	
EFN_3_	
EFN_4_	
EPR_1_	ENGINE PRESSURE RATIO[-]
EPR_2_	
EPR_3_	
EPR_4_	
EN1P_1_	LP ROTOR SPEED[%RPM]
EN1P_2_	
EN1P_3_	
EN1P_4_	
IDLSGOAL	TOGA SW 1
IDLSGOAC	TOGA SW 2
IDLSGOAR	TOGA SW 3
QESFMAEP_1_1_	TOGA SW 3

IDABDI	A/B sw @ disarm
IDAB1	A/B sw @ 1
IDAB2	A/B sw @ 2
IDAB3	A/B sw @ 3
IDAB4	A/B sw @ 4
IDABMX	A/B sw @ max
IDABRTO	A/B sw @ rto
IDABOFF	A/B sw @ off
QESFMAMOD_1_1_	Autopilot and FD annunc selection I1
QESFMAMOD_2_1_	
QESFMAMOD_1_2_	
QESFMAMOD_2_2_	
QESFMAMOD_1_3_	
QESFMAMOD_2_3_	
SLAPENG	Autopilot engage discrete[T/F]
IDLWSSHL	STICK SHAKER CAPT
IDLWSSHR	STICK SHAKER F/O
VBOG	ON GROUND FLAG
time	SIMULATOR TIME