Bo 105 · LVAR REFERENCE

MILTECH SIMULATIONS · BO105-204

SECTION 1

Local-variable reference

Engine / PCL / Starter (8)

L:VAR	UNIT	DESCRIPTION
BO105_PCL_1_State	enum, number	Engine 1 PCL position: 0=FLT, 1=IDLE, 2=OFF
BO105_PCL_2_State	enum, number	Engine 2 PCL position: 0=FLT, 1=IDLE, 2=OFF
bo105_pcl_push_L	bool, enum	Left PCL push (drucken) button state
bo105_pcl_push_R	bool, enum	Right PCL push (drucken) button state
STARTER1	enum, number	Engine 1 starter switch: 0=VNT, 1=CONT IGN, 2=START
STARTER2	enum, number	Engine 2 starter switch: 0=VNT, 1=CONT IGN, 2=START
SWITCHRESTRICTOR_STARTER1	bool, enum, number	Starter 1 guard cover: 0=GUARDED, 1=UNGUARDED
SWITCHRESTRICTOR_STARTER2	bool, enum, number	Starter 2 guard cover: 0=GUARDED, 1=UNGUARDED

Fuel system (4)

L:VAR	UNIT	DESCRIPTION
switch_emergfuelvalve1	bool	—
switch_emergfuelvalve2	bool	—
switchcover_emergfuelvalve1	bool, enum	Emergency fuel valve cover, engine 1
switchcover_emergfuelvalve2	bool, enum	Emergency fuel valve cover, engine 2

FLIR (8)

L:VAR	UNIT	DESCRIPTION
bo105_FLIR_LAYER	bool, number	FLIR display layer mode (0=visible/IR/etc.)
bo105_FLIR_pitch	enum	FLIR pitch animation value (alias)
bo105_flir_pitch	enum, number	FLIR pitch animation value
bo105_FLIR_X	number	FLIR camera pan (yaw) target
bo105_FLIR_Y	number	FLIR camera tilt (pitch) target
bo105_flir_yaw	enum, number	FLIR yaw animation value
bo105_FLIR_yaw	enum	FLIR yaw animation value (alias)
bo105_FLIR_ZOOM	percent	FLIR camera zoom level (percent)

Weapons (ATGM) (1)

L:VAR	UNIT	DESCRIPTION
bo105_atgm_option	enum	ATGM option/mode enum

Lighting & test panel (11)

L:VAR	UNIT	DESCRIPTION
bo105_landinglight	bool, enum	Landing light switch state
bo105_landinglight_power	bool, enum	Landing light powered output
bo105_searchlight_pitch	enum, number	Searchlight beam pitch
bo105_searchlight_power	bool, enum	Searchlight power on/off
bo105_searchlight_yaw	enum, number	Searchlight beam yaw
Bo105_switch_strobe	bool, enum	Anti-collision/strobe light switch
lamp_test	bool	Master lamp-test pushbutton
mm_test	bool	Mast moment indicator test active
mm_test_addition	percent	Mast moment test additive offset (percent)
test_fire1	bool	Fire warning test, engine 1
test_fire2	bool	Fire warning test, engine 2

Smoke (3)

L:VAR	UNIT	DESCRIPTION
Bo105_aero_smoke	bool	Aerobatic smoke equipped flag
bo105_smoke_l	enum	Left smoke cartridge color: 0=EMPTY, 1=BLUE, 2=GREEN, 3=PURPLE, 4=RED, 5=WHITE, 6=YELLOW
bo105_smoke_r	enum	Right smoke cartridge color (same enum as smoke_l)

Anti-ice / Pitot (4)

L:VAR	UNIT	DESCRIPTION
bo105_antiice	—	—
bo105_antiice1_switch_pos	bool	Engine 1 anti-ice switch position
bo105_antiice2_switch_pos	bool	Engine 2 anti-ice switch position
bo105_pitot_switch_pos	bool	Pitot heat switch position

Equipment / Exterior (6)

L:VAR	UNIT	DESCRIPTION
bo105_cargo_load	enum, number	Random baggage load state
bo105_einsinkschutz	bool	Snow-shoe skis fitted
bo105_floats_deployed	—	Emergency floats deployed (one-way)
Bo105_fronthatch	bool	Front hatch open/closed
bo105_shrikes	bool	Wire strike protection fitted
bo105_tsi	bool	Turn coordinator (TSI) equipped

Audio / ICS (4)

L:VAR	UNIT	DESCRIPTION
bo105_headset_left	bool	Left seat headset worn (alias)
bo105_headset_right	bool	Right seat headset worn (alias)
bo105_headsetL	bool	Left seat headset worn
bo105_headsetR	bool	Right seat headset worn

Clock / Stopwatch (3)

L:VAR	UNIT	DESCRIPTION
bo105_stopwatch_active	bool	Stopwatch running
bo105_stopwatch_reset	bool	Stopwatch reset trigger
bo105_stopwatch_timer	seconds	Stopwatch elapsed seconds

Circuit breakers (9)

L:VAR	UNIT	DESCRIPTION
cb_antiice	—	—
cb_antiice1	bool	—
cb_antiice2	bool	—
cb_blower	bool	—
cb_elt	bool	—
cb_n2control	bool	—
cb_pitot	bool	—
cb_trim	bool	—
cb_wiper	bool	—

Avionics — JA95 ICS (14)

L:VAR	UNIT	DESCRIPTION
JA95_knob_ICS	enum	—
JA95_knob_RX	enum	—
JA95_knob_TX	enum	—
JA95_knob_VOX	enum	—
JA95_switch_ADF	bool, enum	—
JA95_switch_AUX	bool, enum	—
JA95_switch_COM1	bool, enum	—
JA95_switch_COM2	bool, enum	—
JA95_switch_EmerNorm	bool, enum	—
JA95_switch_FM1	bool, enum	—
JA95_switch_FM2	bool, enum	—
JA95_switch_MKR	bool, enum	—
JA95_switch_NAV	bool, enum	—
JA95_switch_XmitICS	bool, enum	—

Avionics — KR87 ADF (8)

L:VAR	UNIT	DESCRIPTION
KR87_button_ADF	bool, enum	—
KR87_button_BFO	bool, enum	—
KR87_button_FLT	bool, enum	—
KR87_button_FRQ	bool, enum	—
KR87_button_SET	bool, enum	—
KR87_knob_big	enum	—
KR87_knob_PWR	enum	—
KR87_knob_small	enum	—

Avionics — KX155 NAV/COM (9)

L:VAR	UNIT	DESCRIPTION
KX155_button_COMswap	bool, enum	—
KX155_button_NAVswap	bool, enum	—
KX155_knob_COM_big	enum	—
KX155_knob_COMsmall	enum	—
KX155_knob_NAVbig	enum	—
KX155_knob_NAVsmall	enum	—
KX155_knob_NAVvol	enum	—
KX155_knob_NAVvol_pull	bool	—
KX155_knob_PWR	bool, enum	—

Avionics — BO 3401 transponder (22)

L:VAR	UNIT	DESCRIPTION
b3401_bigpos	number	—
b3401_button_code	bool	—
b3401_button_idt	bool	—
b3401_button_test	bool	—
b3401_button_vfr	bool	—
b3401_knob_big	enum	—
b3401_knob_pwr	enum	—
b3401_knob_small	enum	—
b3401a_button_adf	bool	—
b3401a_button_emer	bool	—
b3401a_button_inop1	bool	—
b3401a_button_inop2	bool	—
b3401a_button_inop3	bool	—
b3401a_button_inop4	bool	—
b3401a_button_inop5	bool	—
b3401a_button_inop6	bool	—
b3401a_button_inop7	bool	—
b3401a_button_nav	bool	—
b3401a_button_vhf	bool	—
b3401a_knob_big	enum	—
b3401a_knob_mode	enum	—
b3401a_knob_small	enum	—

Avionics — KFS 564 radio (25)

L:VAR	UNIT	DESCRIPTION
kfs564adf_button_switch	bool	—
kfs564adf_knob_big	enum	—
kfs564adf_knob_pwr	enum	—
kfs564adf_knob_small	enum	—
kfs564com1_button_switch	bool	—
kfs564com1_knob_big	enum	—
kfs564com1_knob_pwr	enum	—
kfs564com1_knob_small	enum	—
kfs564com2_button_switch	bool	—
kfs564com2_knob_big	enum	—
kfs564com2_knob_pwr	enum	—
kfs564com2_knob_small	enum	—
kfs564nav1_button_switch	bool	—
kfs564nav1_knob_big	enum	—
kfs564nav1_knob_pwr	enum	—
kfs564nav1_knob_small	enum	—
kfs564nav2_button_switch	bool	—
kfs564nav2_knob_big	enum	—
kfs564nav2_knob_pwr	enum	—
kfs564nav2_knob_small	enum	—
kfs564xpdr_button_ident	bool, enum	—
kfs564xpdr_knob_big	enum	—
kfs564xpdr_knob_digit	enum	—
kfs564xpdr_knob_small	enum	—
kfs564xpdr_knob_small_push	bool	—