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target

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	Used as the Aircraft ID.	NA	NA	NA
time	time	When the target starts	Start time of the scenario	99:59:59	00:00:00
speed	speed	The filed speed	000	9999	000
flevel	flevel	The filed flight level	000	999	000
route	route	The flight route	2 fixes	NA	NA
rsi	rsi	The default rsi to be used for any system command or maneuver associated with target	see rsi	see rsi	0
bcn	bcn	Beacon transponder code	0000	7777	0000
actype	actype	Aircraft type	<i>defined in achar.xml</i>	<i>defined in achar.xml</i>	A10
autogen	autogen	Auto generate flight plan, start track and handoff messages	NA	NA	enabled
msg	msg	system command associated with target	see system command	see system command	NA
maneuver	maneuver	maneuver associated with target	see maneuver	see maneuver	NA

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system command

Contains all the values for a valid NAS system command.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
device	device	The device that inputs the message	NA	NA	Devices listed in the host adaptation
host	host	The host that sends the message	NA	NA	The local host
text	text	The text of the message	1 character	The valid msg length defined in the adaptation	Blank
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00
rsi	rsi	The record sort indicator of this message	User defined	User defined	0
comments	comments	Brief description of this message	NA	NA	0
derived	isDerived	If isDerived is set the GSGT has generated this message	0	1	1

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rsi

Record Sort Indicator

Parameter	XML Attribute	Description	Min Value	Max Value	Default
rsi	rsi	Used to categorize system command	The first value specified in the rsi.xml file	The last value specified in the rsi.xml file	NA

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maneuver

Change attributes of [target](#) during scenario playback

Parameter	XML Attribute	Description	Min Value	Max Value	Default
time	time	Time that the maneuver is executed	00:00:00	99:59:59	NA
pos	pos	Position that the maneuver is executed	Second fix in the target route	The next to last fix in the target route	NA
acid	acid	Aircraft ID for the maneuver	see target	see target	NA
flevel	flevel	The flight level to assign	000	999	000
speed	speed	The speed to assign	000	9999	000
bcn	bcn	The new beacon transponder code to assign	000	9999	000
psr_blip_scan	psg_blip_scan	Percentage of times the target is detected	000	100	100
ssr_blip_scan	ssg_blip_scan	The amount of times the target is scanned	000	100	100

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Contains all the values for a valid GSGT QRadar.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the radar	NA	NA	blank
type	type	The radar type: lrr modes asr9	NA	NA	lrr
position	pos	The lat/long position of the radar	-180:00:00.00, -180:00:00.00	+180:00:00.00, +180:00:00.00	+00:00:00.00,+00:00:00.00
elevation	elev	The elevation (in feet above sea level) of the radar	-100.00	10000.00	0.00
max altitude	max_alt	The maximum altitude (in hundreds of feet) of the radar's detection range	0	1000	0
min psr range	min_psr_range	The start of the primary radar's detection range (in NMiles)	0	256	0

max psr range	max_psr_range	The end of the primary radar's detection range (in NMiles)	0	256	200
min ssr range	min_ssr_range	The start of the secondary radar's detection range (in NMiles)	0	256	0
max ssr range	max_ssr_range	The end of the secondary radar's detection range (in NMiles)	0	256	200
scan time	scantime	The number of seconds for the radar to complete a full scan	1.00	30.00	12.00
magnetic deviation	magdev	The deviation (in degrees) of the radar's north and magnetic north. Negative values represent East.	-99.99	+99.99	0.00

starting azimuth	start_azimuth	The heading (in degrees) from where the radar starts scanning	0.00	360.00	0.00
noise level	noise_level	The noise level of the radar	0	10	0
weather scans	wx_scans	The number of scans for the radar to generate a complete weather map	0	10	9
noise range deviation	noise_range_deviation	The standard range deviation for noise distribution	0.00	256.00	50.00
psr range deviation	psr_range_deviation	The standard deviation of the radar range	0.00	256.00	0.00
psr azimuth deviation	psr_azimuth_deviation	The standard deviation of the radar azimuth	0.00	360.00	0.00
psr range mean	psr_range_mean	The mean of the deviation of the radar range	-256.00	+256.00	0.00
psr blip scan	psr_blip_scan	The rate of valid hits returned for a target	0.00 (0%)	1.00 (100%)	1.00

ssr range deviation	ssr_range_deviation	The standard deviation of the radar range	0.00	256.00	0.00
ssr azimuth deviation	ssr_azimuth_deviation	The standard deviation of the radar azimuth	0.00	360.00	0.00
ssr range mean	ssr_range_mean	The mean of the deviation of the radar range	-256.00	+256.00	0.00
ssr blip scan	ssr_blip_scan	The rate of valid hits returned for a target	0.00 (0%)	1.00 (100%)	1.00
ghost percentage	ghost_percentage	The percentage of ghost returns from a target	0.00 (0%)	1.00 (100%)	1.00
ghost delta range	ghost_delta_range	The delta of the range of ghost returns from a target	0.00	256.00	1.00
ghost delta azimuth	ghost_delta_azimuth	The delta of the azimuth of ghost returns from a target	0.00	360.00	0.00

merge range offset	merge_range_offset	The acceptable offset (difference) between primary and secondary target ranges to perform merge of their reports	0.0000	256.0000	0.0625
merge range azimuth	merge_range_azimuth	The acceptable offset (difference) between primary and secondary target azimuths to perform merge of their reports	0.0000	360.0000	0.0061
beacon 3A equipped	bcn_equip_3a	Beacon Mode 3A equipped	disabled	enabled	enabled
beacon ModeS equipped	bcn_equip_c	Beacon Mode S equipped	disabled	enabled	enabled
beacon 2 equipped	bcn_equip_2	Beacon Mode 2 equipped	disabled	enabled	enabled

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NAS Equipment

Contains all the values for valid NAS equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the nas device	NA	NA	NAS Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00
id	id	The single letter identifier for the facility	NA	NA	NA

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Arts Equipment

Contains all the values for valid Arts equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the arts device	NA	NA	ARTS Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00

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IOT Equipment

Contains all the values for valid IOT equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the iot device	NA	NA	IOT Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00

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KVDT Equipment

Contains all the values for valid KVDT equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the kvdt device	NA	NA	KVDT Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00

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Card Reader Equipment

Contains all the values for valid Card Reader equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the reader device	NA	NA	Card Reader Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00

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FDIO Equipment

Contains all the values for valid FDIO equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the fdio device	NA	NA	FDIO Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00
rcu	rcu	The Control Unit	0	99	0
kbnum	kbnum	The keyboard number	0	99	0

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CFAF Equipment

Contains all the values for valid CFAF equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the nas device	NA	NA	CFAF Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from CFAF adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00
id	id	The single letter identifier for the facility	NA	NA	NA

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NADIN Equipment

Contains all the values for valid NADIN equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the nas device	NA	NA	NADIN Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00
org	org	The identification of the originating facility	NA	NA	NA

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DSR Equipment

Contains all the values for valid DSR equipment.

Parameter	XML Attribute	Description	Min Value	Max Value	Default
name	name	The name of the dsr device	NA	NA	DSR Equipment from the NAS adaptation
ldn	ldn	The Logical Device Number of the equipment	0	999	Generated from NAS adaptation
maxMsgLength	maxMsgLength	The maximum length allowed for this equipment	1	999	1
interMsgTime	interMsgTime	The minimum time a message can be entered after another	.5	999	.5
mode	mode	The injection mode to input the message KEY00 SIM00 LIV00	NA	NA	SIM00
grpId	grpId	The Group Id of device	0	99	0
contype	contype	The console type of device	NA	NA	R

Settings for R console device

Parameter	XML Attribute	Description	Min Value	Max Value	Default
time	time	The time the settings are applied	Start of scenario	End of scenario	0
rng	rng	The rangs of the console display	1	14	14
xc	xc	The x coordinate	0	999.999	0
yc	yc	The y coordinate	0	999.999	0

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