

Runway Lighting Explained

Whether you want to create a custom runway or an entire airport, this is your tutorial for runway lighting.

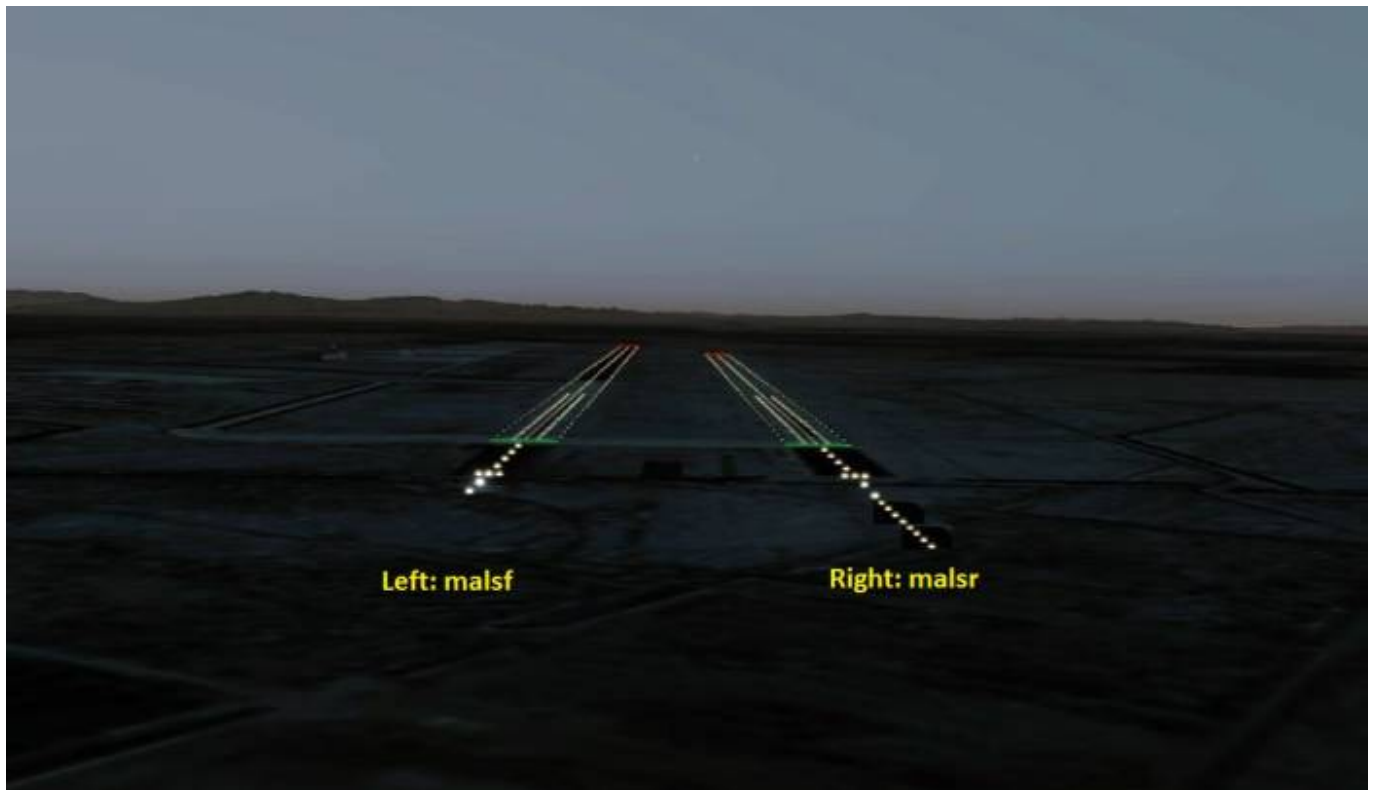
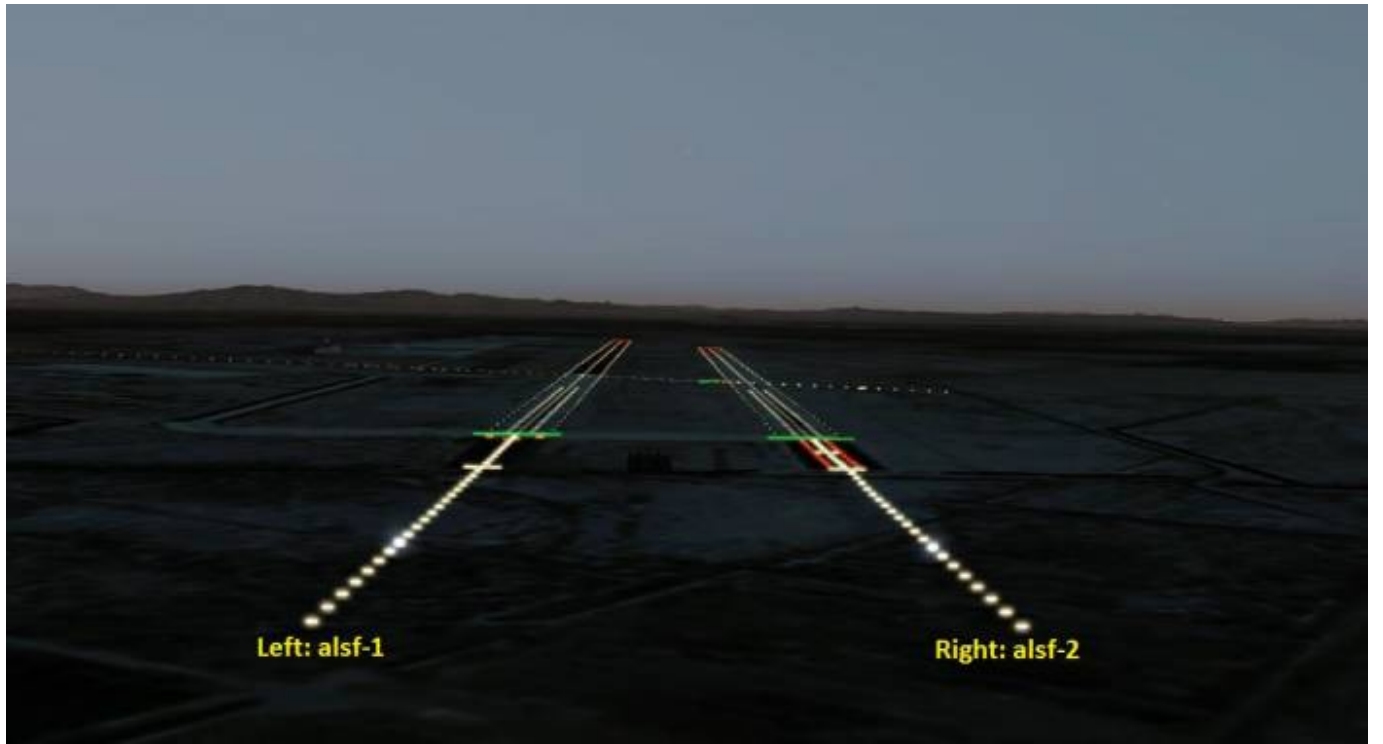
Note: This is not a complete TSC file, it is only the section for the runway definition.

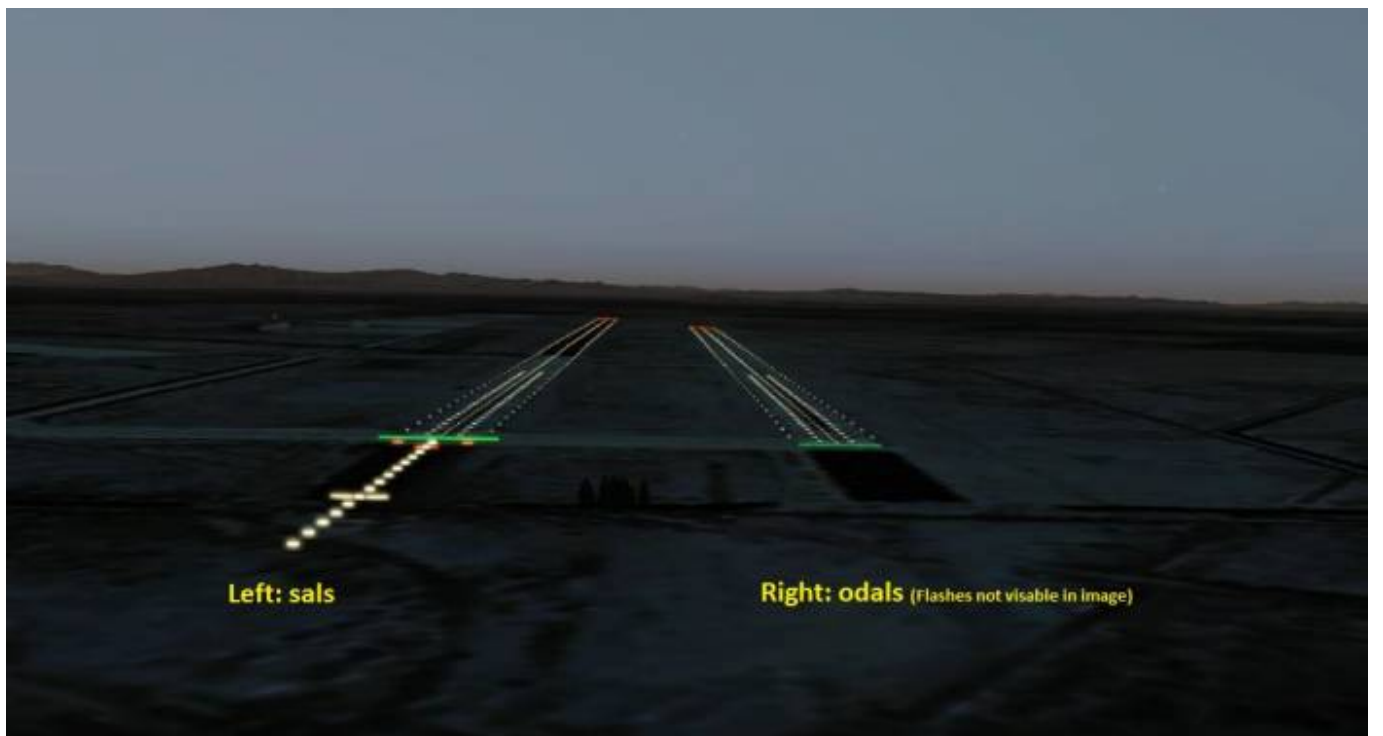
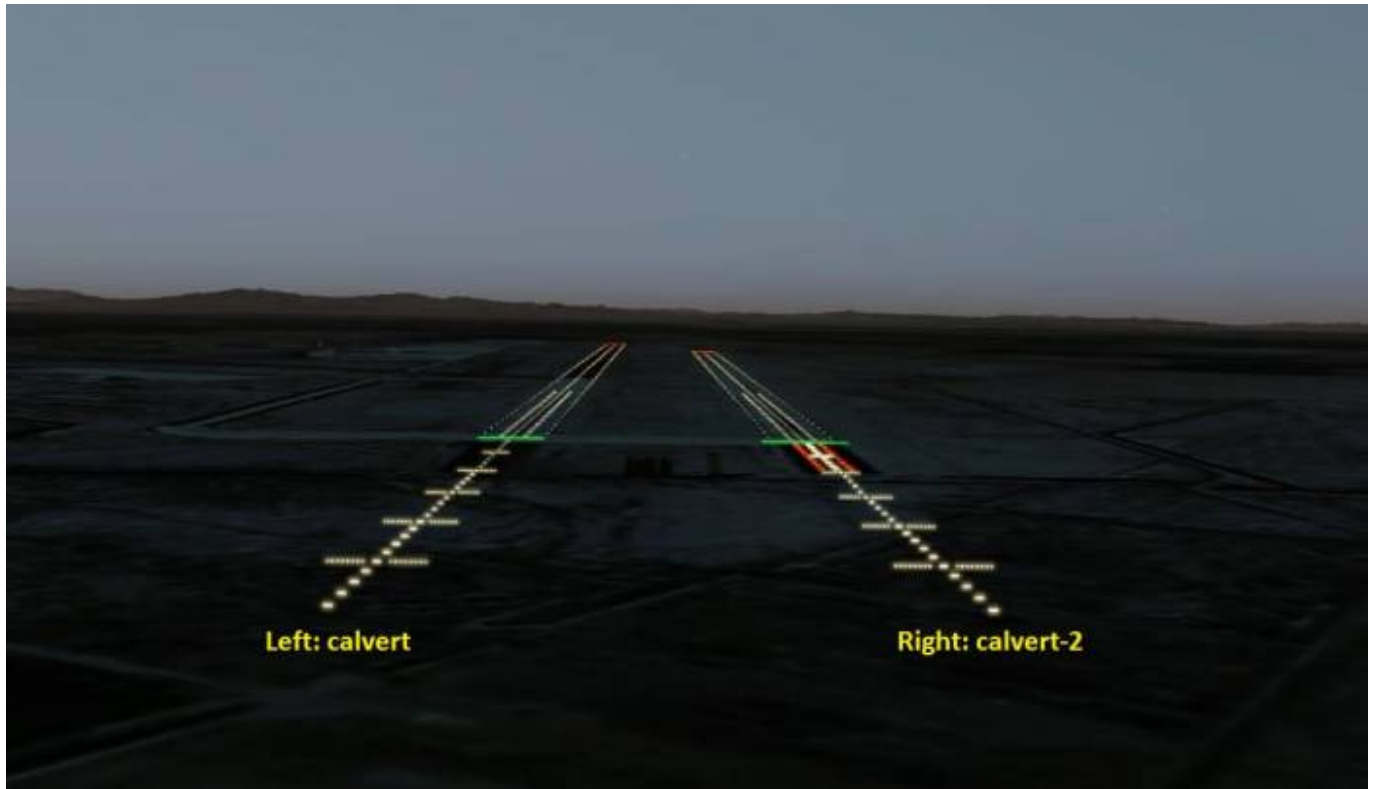
TSC Runway Section	Definition
<[tmsimulator_runway][element][0]	definitions for the first runway
<[vector2_float64][endpoint1][-118.6856648 39.404029]>	lon lat coordinate of runway end1
<[vector2_float64][endpoint2][-118.7139702 39.4355831]>	lon lat coordinate of opposite runway end
<[vector2_float64][threshold1][-118.6856648 39.404029]>	lon lat of threshold light
<[vector2_float64][threshold2][-118.7139702 39.4355831]>	lon lat of opposite threshold light
<[float64][width][61]>	runway width in meters
<[string8][name1][31L]>	runway number in direction 1
<[string8][name2][13R]>	runway number in opposite direction
<[string8][appltys1][alsf-1]>	Approach Lighting System in direction 1
<[string8][appltys2][std]>	Approach Lighting System on opposite side
<[string8][papi1][left]>	PAPI light in direction 1
<[string8][papi2][left]>	PAPI light on opposite side
<[string8][reil1][reil_uni]>	REIL in direction 1
<[string8][reil2][reil_uni]>	REIL on opposite side

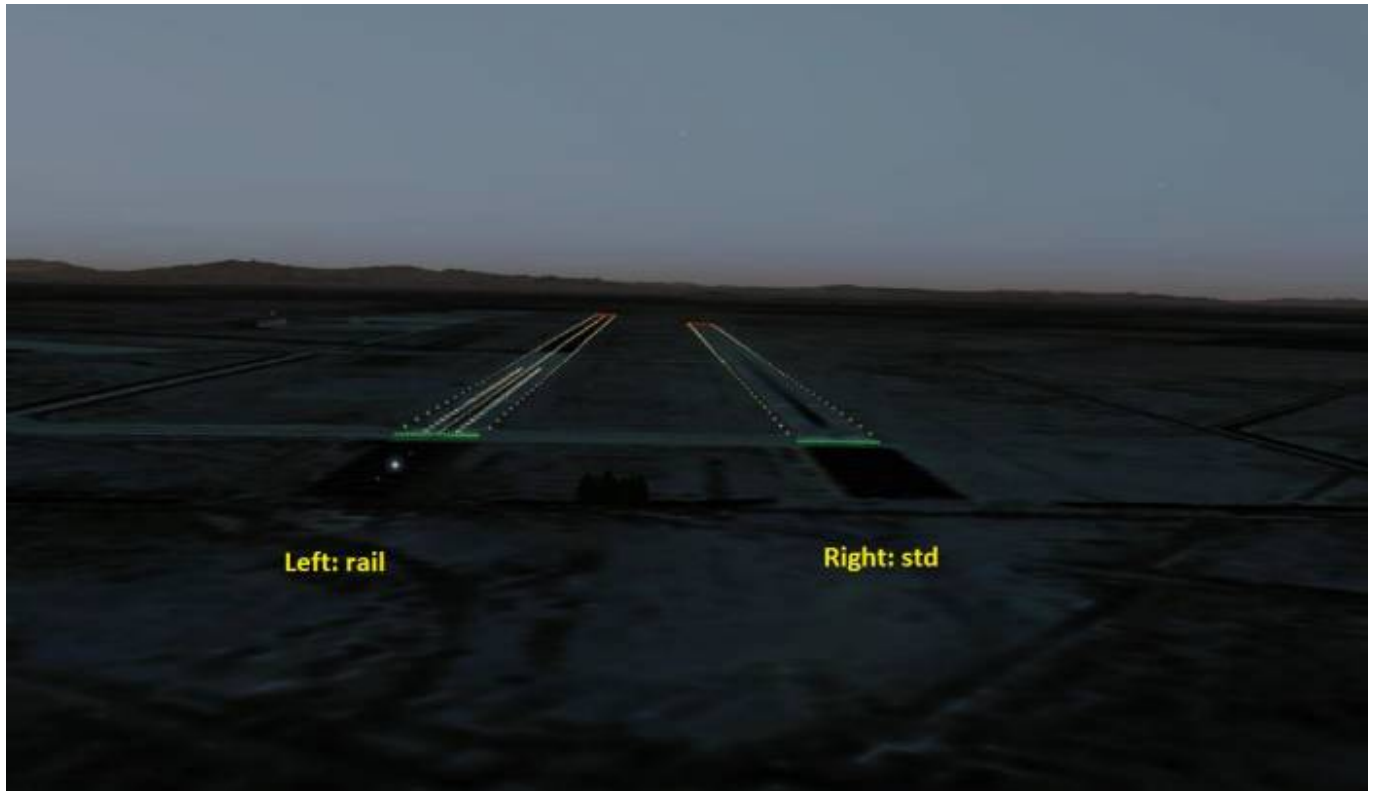
Valid entries for Aerofly FS 2 runway lights.

ALS: Approach Lighting System:

[appltys1] [alsf-1]	Approach Lighting System with Sequenced Flashing Lights configuration 1
[appltys1] [alsf-2]	Approach Lighting System with Sequenced Flashing Lights configuration 2
[appltys1] [malsf]	Medium-intensity Approach Lighting System with Sequenced Flashing lights
[appltys1] [malsr]	Medium-intensity Approach Lighting System with Runway Alignment Indicator Lights
[appltys1] [sals]	Short Approach Lighting System
[appltys1] [odals]	Omnidirectional Approach Lighting System
[appltys1] [calvert]	High Intensity Approach Lighting System ICAO-compliant configuration 1
[appltys1] [calvert-2]	High Intensity Approach Lighting System ICAO-compliant configuration 2
[appltys1] [rail]	Runway Alignment Indicator Lights
[appltys1] [std]	Standard runway lighting
[appltys1][none]	no approach lighting system

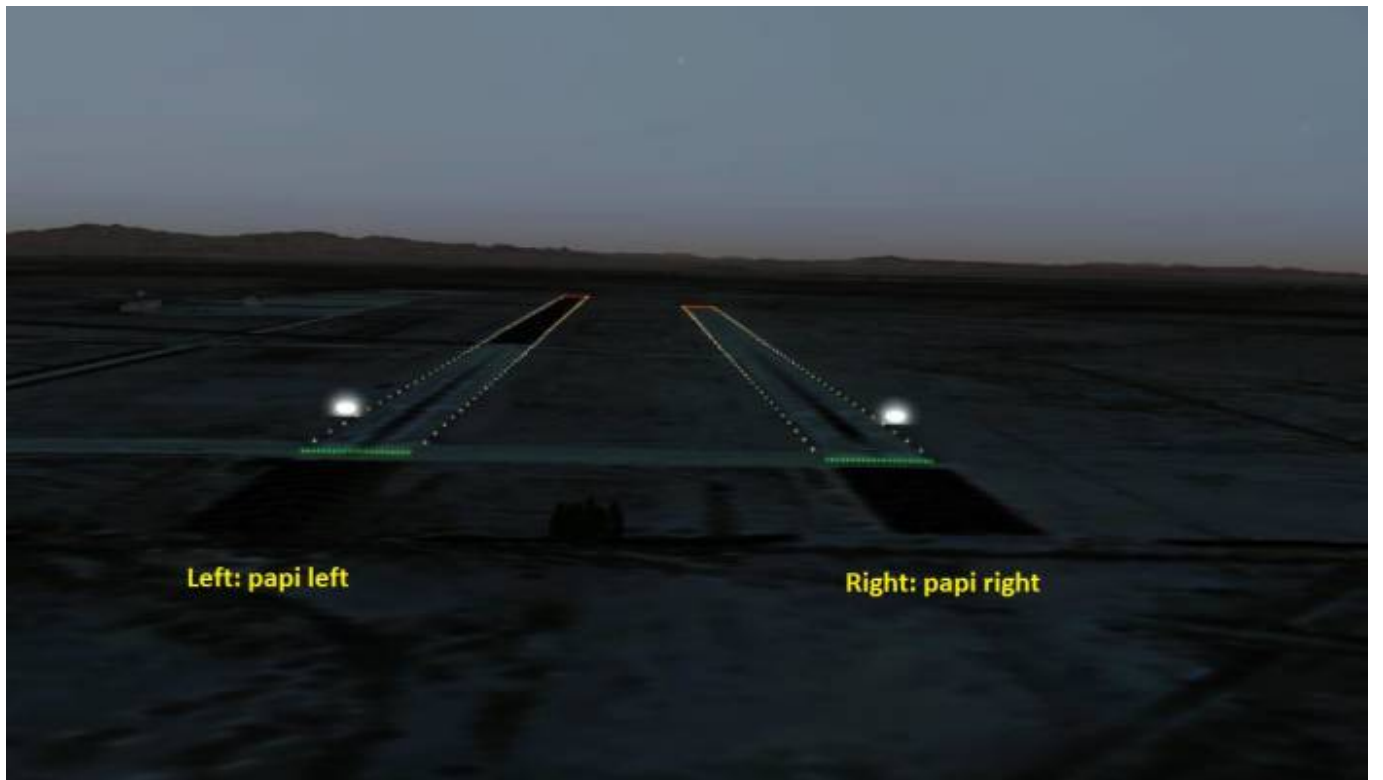






PAPI: Precision Approach Path Indicator

[papi1][left]	papi position left of runway when approaching
[papi1][right]	papi position right of runway when approaching



REIL: Runway End Identifier Lights

[reil1][reil_uni]	reil in one direction
[reil1][reil_omni] reil	in all directions

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Last update: **2017/08/21 15:59**

