# aerofly FS 2: Rodeo's Tutorial

## Runway Lightings

**v1: 2017-05-20**

If you want to create a custom runway or an entire airport, this is your tutorial for the lightings!
I suggest a text editor like notepad++ to edit the .TSC file

Example:…\Documents\Aerofly FS 2\scenery\places\nas_fallon\nas_fallon.tsc

This is not a complete .TSC file. It is only the section for the runway definition.

| | *Explanation:* |
|---|---|
| <[tmsimulator_runway][element][0] | *definitions for the first runway (for more runways duplicate the full section)* |
| <[vector2_float64][endpoint1][-118.6856648 39.404029]> | *lon lat coordinate of runway end1 (mid of runway width)* |
| <[vector2_float64][endpoint2][-118.7139702 39.4355831]> | *lon lat coordinate of opposite runway end (mid of runway width)* |
| <[vector2_float64][threshold1][-118.6856648 39.404029]> | *lon lat of threshold light (often identical with runway endpoint1)* |
| <[vector2_float64][threshold2][-118.7139702 39.4355831]> | *lon lat of threshold light (often identical with runway endpoint2)* |
| <[float64][width][61]> | *runway width in meters* |
| <[string8][name1][31L]> | *runway number in direction 1* |
| <[string8][name2][13R]> | *runway number in opposite direction* |
| <[string8][appltsys1][alsf-1]> | *Approach Lighting System in direction 1 (see next page)* |
| <[string8][appltsys2][std]> | *Approach Lighting System in opposite direction (see next page)* |
| <[string8][papi1][left]> | *Precision Approach Path Indicator in direction 1* |
| <[string8][papi2][left]> | *Precision Approach Path Indicator in opposite direction* |
| <[string8][reil1][reil_uni]> | *Runway End Identifier Lights in direction 1* |
| <[string8][reil2][reil_uni]> | *Runway End Identifier Lights in opposite direction* |
| > | |

Valid entries for aerofly FS 2 runway lightings.

**ALS:Approach Lighting System:**

| | |
|---|---|
| [appltsys1] [alsf-1] | *Approach Lighting System with Sequenced Flashing Lights configuration 1* |
| [appltsys1] [alsf-2] | *Approach Lighting System with Sequenced Flashing Lights configuration 2* |
| [appltsys1] [malsf] | *Medium-intensity Approach Lighting System with Sequenced Flashing lights* |
| [appltsys1] [malsr] | *Medium-intensity Approach Lighting System with Runway Alignment Indicator Lights* |
| [appltsys1] [sals] | *Short Approach Lighting System* |
| [appltsys1] [odals] | *Omnidirectional Approach Lighting System* |
| [appltsys1] [calvert] | *High Intensity Approach Lighting System ICAO-compliant configuration 1* |
| [appltsys1] [calvert-2] | *High Intensity Approach Lighting System ICAO-compliant configuration 2* |
| [appltsys1] [rail] | *Runway Alignment Indicator Lights* |
| [appltsys1] [std] | *Standard runway lighting* |
| [appltsys1][none] | *no approach lighting system* |

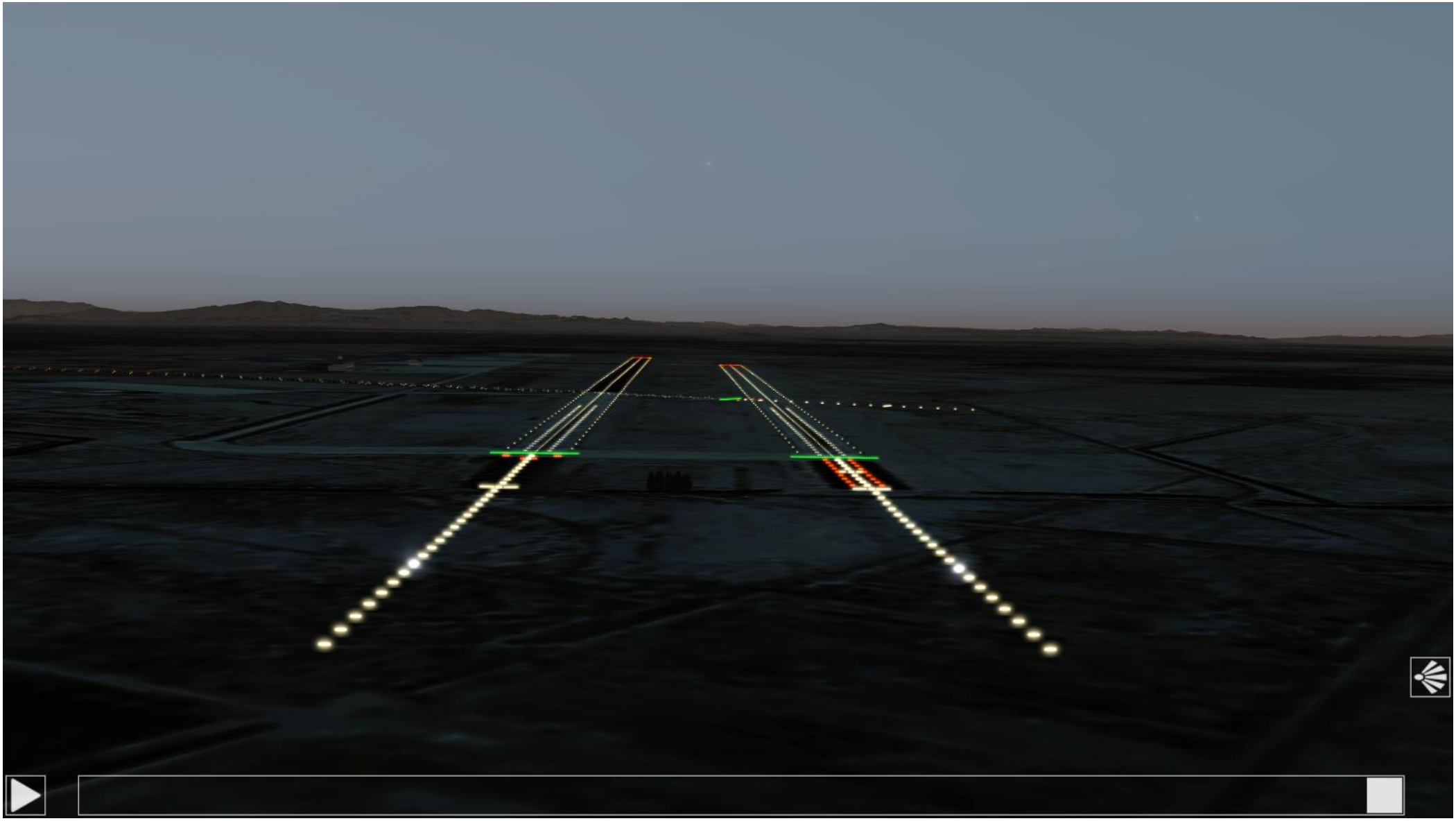
**PAPI: Precision Approach Path Indicator**

| | |
|---|---|
| [papi1][left] | *papi position left of runway when approaching* |
| [papi1][right] | *papi position right of runway when approaching* |

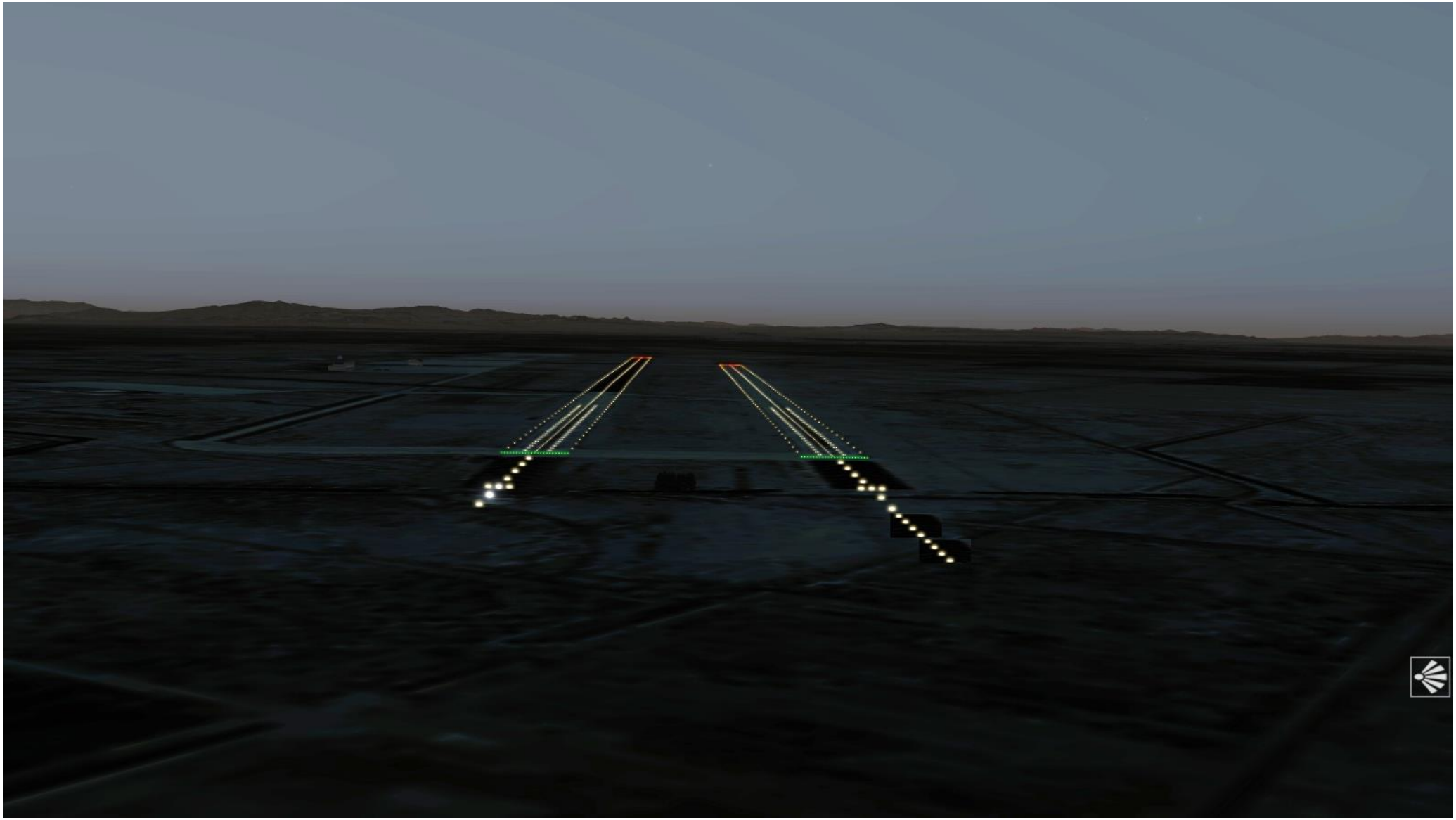
**REIL: Runway End Identifier Lights**

| | |
|---|---|
| [reil1][reil_uni] | *reil in one direction* |
| [reil1][reil_omni] | *reil in all directions* |

Enjoy aerofly FS 2
Karl-Heinz Roeder (Rodeo)

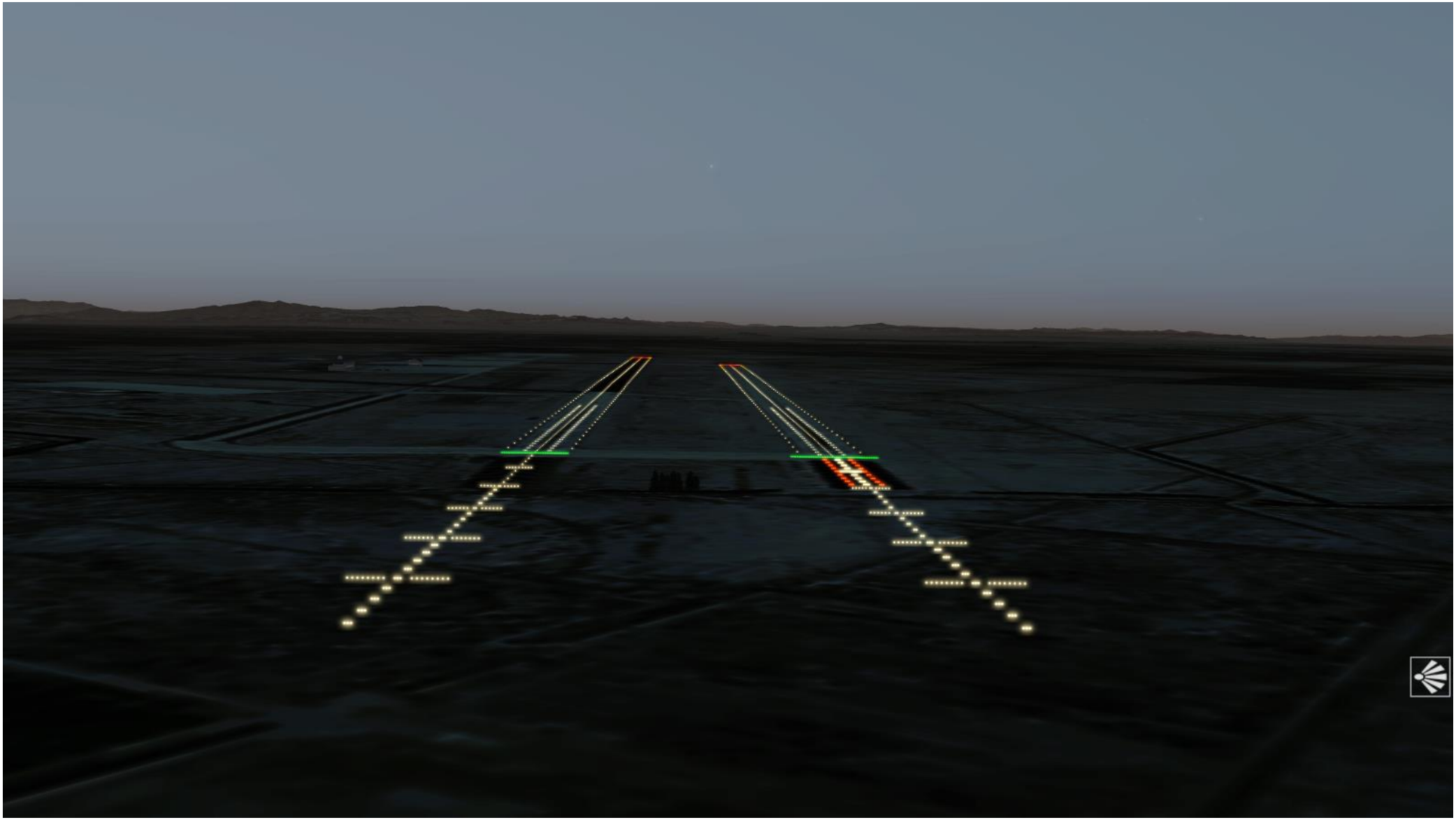


Left: alsf-1 Right: alsf-2



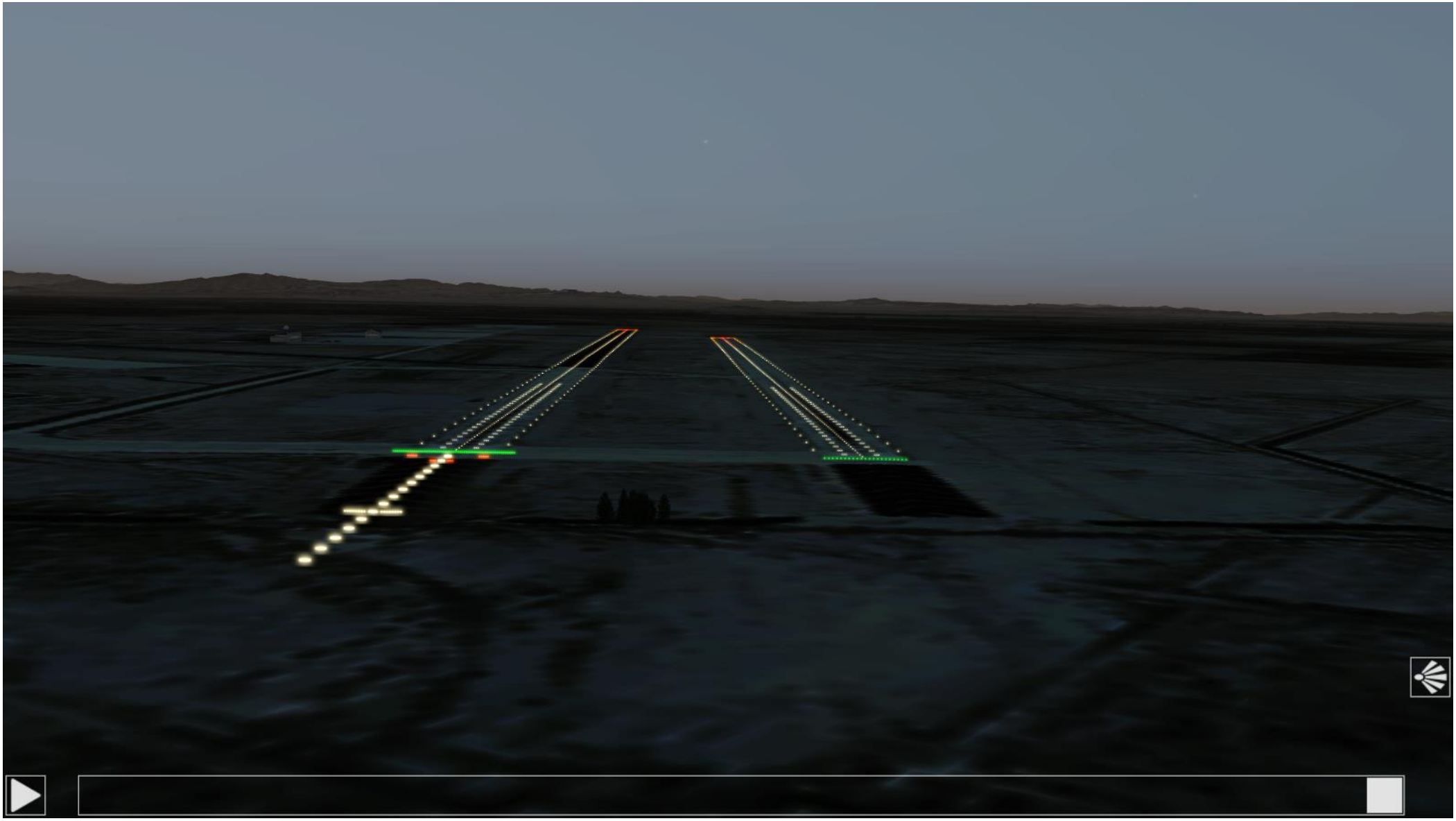
Left: malsf

Right: malsr



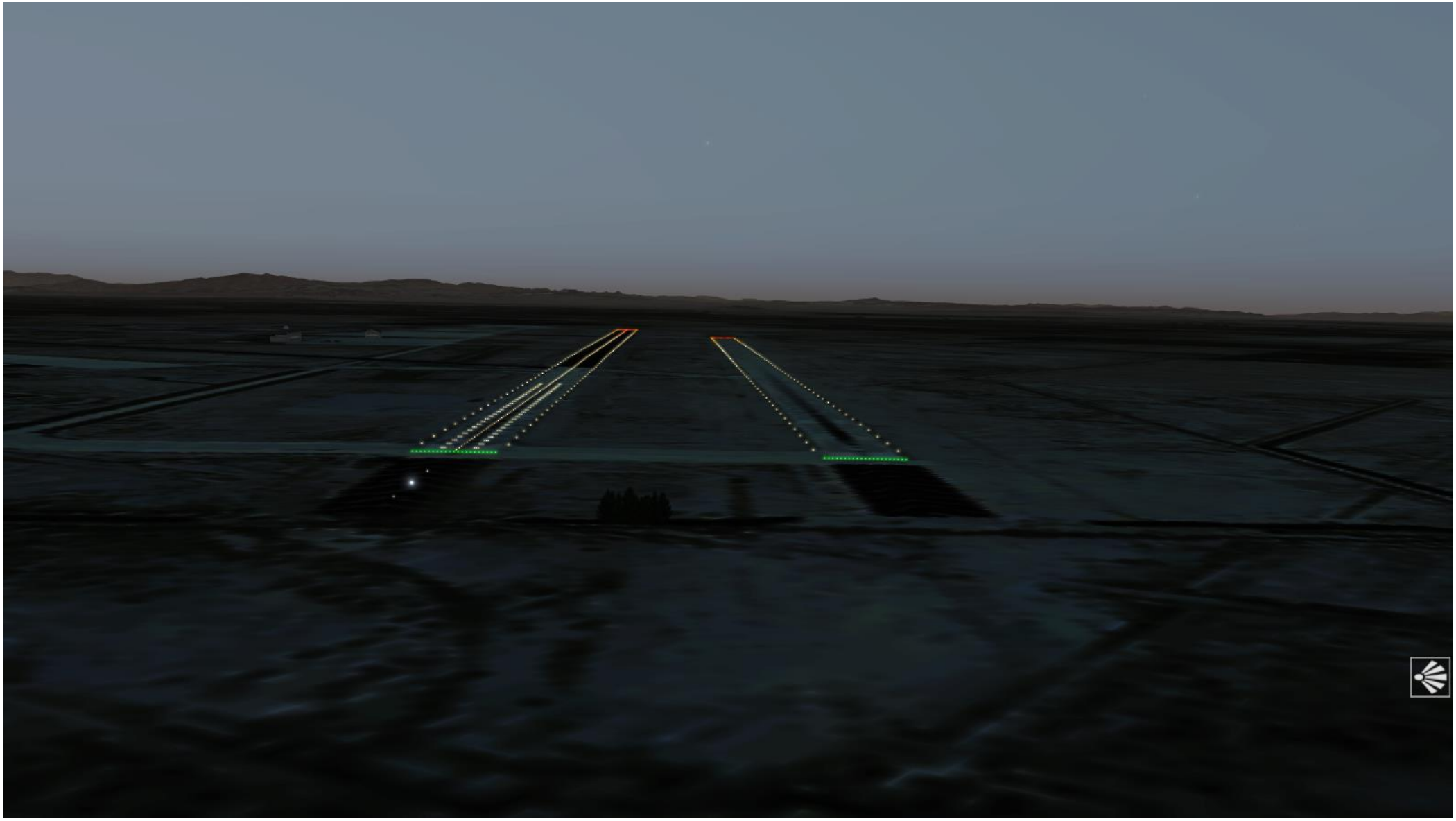
Left: calvert

Right: calvert-2



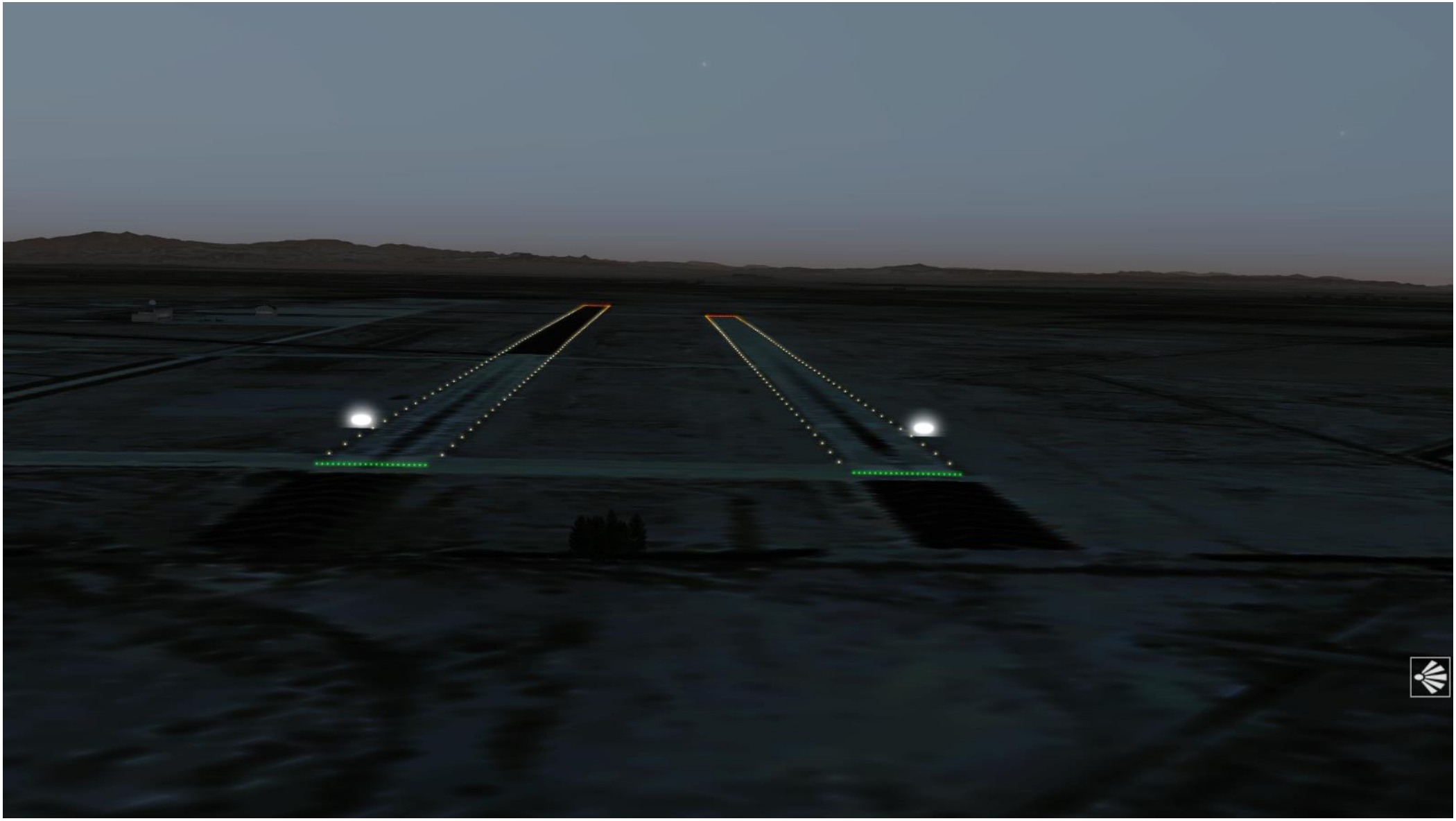
Left: sals

Right: odals (flashes not visible in image)



Left: rail (flashes hardly visible in image)

Right: std



Left: papi left

Right: papi right