

FAA CARI

FAA CARI-6 and CARI-7 are computer programs that allow you to precisely calculate the **cosmic radiation dose**. CARI-7 is the most recent and more advanced version of the software, but Leon is compatible with both versions.

FAA CARI-6 is a computer program that allows precise calculations of cosmic radiation dose.
This program can be downloaded using the link.
To calculate cosmic radiation dose for Leon flights a screenshot from this page and use it as CARI-6 input file.
Be aware that the precise calculation CARI-6 needs actual heliocentric potential that can be obtained here.

Exporting data to CARI-6

Flight No.	Registration	Route	Departure	Arrival	Altitude	Start Date	End Date	Coordinates	UT	Pressure	Temperature
7807	JA-LBJA	SEA-SEA	04:00	09:00	35000	05-01-2014	13	250	54	15	
125	JA-LBJA	SEA-SEA	10:10	15:10	35000	05-01-2014	28	550	54	28	
139	JA-LBJA	SEA-SEA	11:00	16:00	35000	05-01-2014	28	550	54	28	
125	JA-LBJA	SEA-SEA	16:00	21:00	35000	05-01-2014	17	540	54	17	
7807	JA-LBJA	SEA-SEA	21:00	02:00	35000	05-01-2014	13	250	54	13	
48014	JA-LBJA	SEA-SEA	06:00	11:00	35000	05-01-2014	28	550	54	28	

Export

Report FAA CARI-6 for cosmic radiation calculations

CARI -6 can be downloaded by using this [link](#).

CARI-7 can be found here: [link](#).

Once saved and unpacked, read a file **Readme** where there are actions described step by step you should take.

To calculate cosmic radiation dose for Leon flights, export them from this page and use it as CARI input file.

Be aware that for precise calculation CARI needs **actual heliocentric potencial** that can be obtained [here](#)

The heliocentric potential enables the program to adjust for changes in galactic radiation levels that occur with changes in solar activity.

This functionality is for Windows users only

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