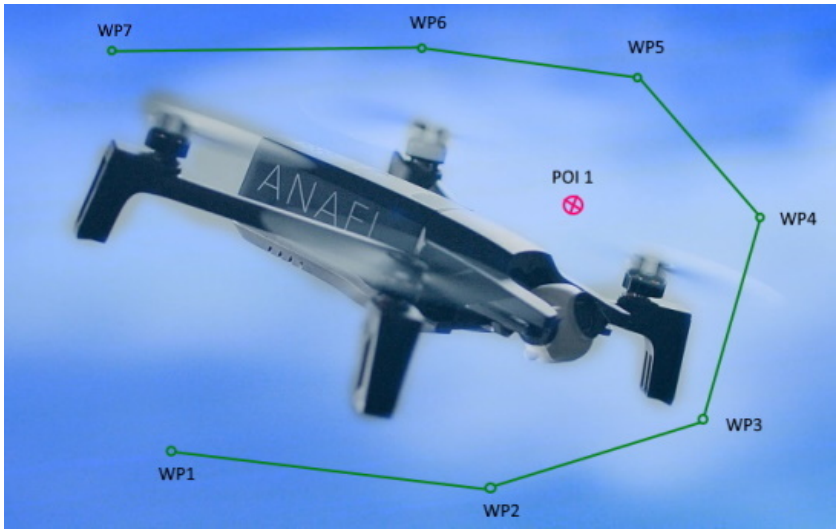
AnafiPlanToGPX



Summary

"AnafiPlanToGPX" is an application to convert JSON flight plan files from Parrot's "Anafi" quad-copter into GPX files for review by map services.

Installation

No installation needed, this is a portable application. But you need write access to the directory where the application located. "AnafiPlanToGPX" will store its settings in an XML file there.

Usage

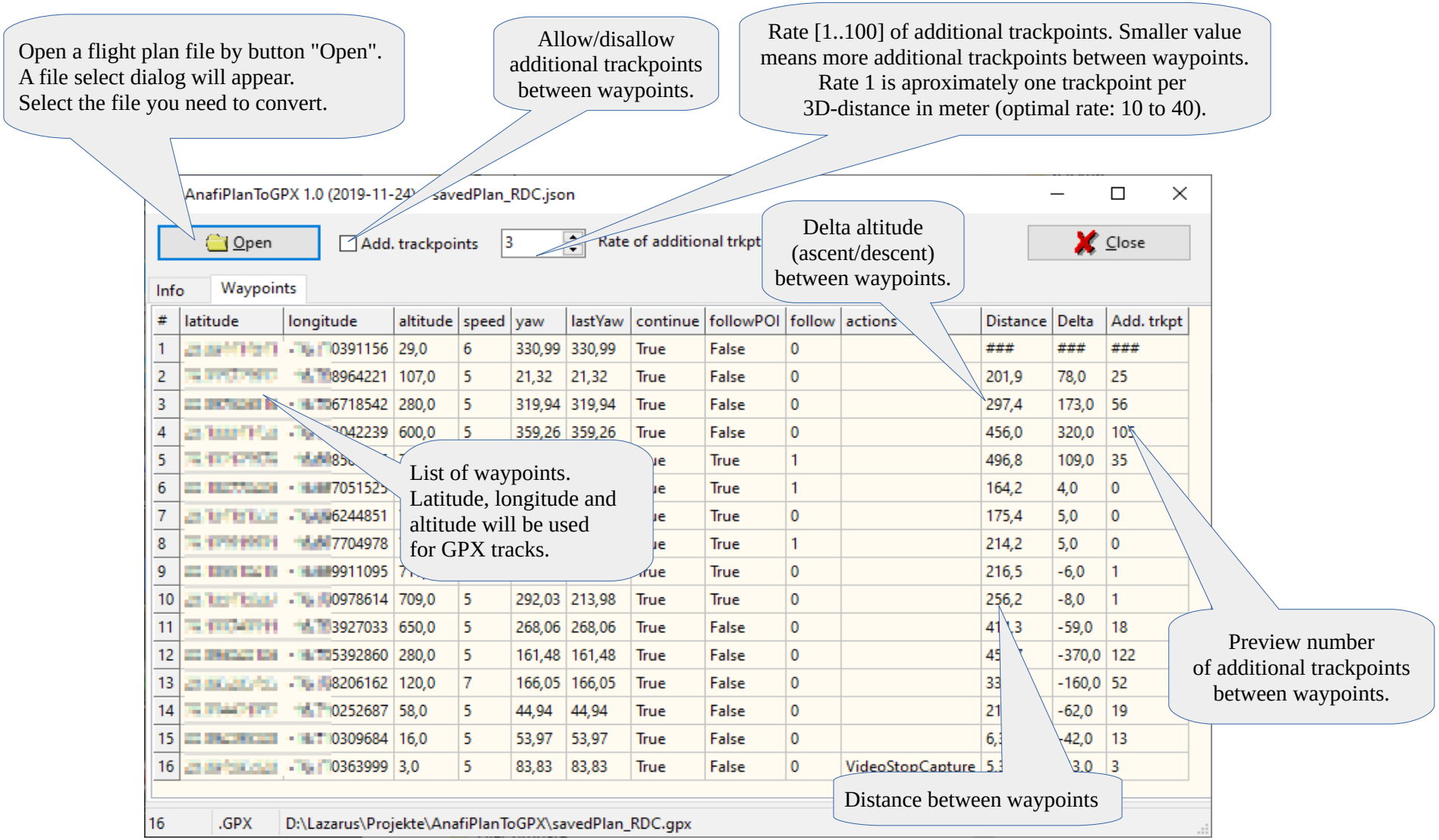
Open file "savedPlan_*.json". A list of waypoints will be shown on page "Waypoints" and some meta data (such as POI) on "Info" page. The related GPX file will be created and saved in the same folder as the flight plan file is.

I is possible the create additional trackpoints between waypoints in the target GPX file.

Enjoy.

h-elsner 11/2019

Waypoints



#	latitude	longitude	altitude	speed	yaw	lastYaw	continue	followPOI	follow	actions	Distance	Delta	Add. trkpt
1		0391156	29,0	6	330,99	330,99	True	False	0		###	###	###
2		8964221	107,0	5	21,32	21,32	True	False	0		201,9	78,0	25
3		6718542	280,0	5	319,94	319,94	True	False	0		297,4	173,0	56
4		042239	600,0	5	359,26	359,26	True	False	0		456,0	320,0	105
5							ue	True	1		496,8	109,0	35
6		7051525					ue	True	1		164,2	4,0	0
7		6244851					ue	True	0		175,4	5,0	0
8		7704978					ue	True	1		214,2	5,0	0
9		9911095					rue	True	0		216,5	-6,0	1
10		0978614	709,0	5	292,03	213,98	True	True	0		256,2	-8,0	1
11		3927033	650,0	5	268,06	268,06	True	False	0		41 3	-59,0	18
12		5392860	280,0	5	161,48	161,48	True	False	0		45	-370,0	122
13		8206162	120,0	7	166,05	166,05	True	False	0		33	-160,0	52
14		0252687	58,0	5	44,94	44,94	True	False	0		21	-62,0	19
15		0309684	16,0	5	53,97	53,97	True	False	0		6,	-42,0	13
16		0363999	3,0	5	83,83	83,83	True	False	0	VideoStopCapture	5.3	3.0	3

Number additional trackpoints = (square root of (*distance*² + *delta*²) divided by *rate_of_additional_trkpt*) - 1.

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Meta data

This is just for information and reference.