

Data item #	Short name	Item name	Data type and range	Contents	Timer	Internal	Source																								
							ACAS	MODE-S			ACAS	ADS-B										MODE-S (EHS)									
							ICAO Annex 10 Vol IV			DO-260/A/B										DOC 9871											
							0	4,20	5,21	11	16	17										18	19	20,21							
												0	1-4	5-8	9-18	19	19	19	20-22	23	24	28	29	30	31			2.0	4.0	5.0	6.0

**DATA DICTIONARY for "extflightdata.txt" http server responses**

**Version 1.1**

**Date of issue: Februar 21, 2016**

Call conventions: `http://<device-url:port>/extflightdata.txt?<param>&<param>&, , ,`

Responses are comma delimited ASCII. Each line is terminated by a CRLF.

First line example RECEIVER STATUS:  
 Planevision Systems CSV output extflightdata.txt,1.1.160221,1454076243,,10.1669,53.5446,17.3251  
 (1) - Format description  
 (2) - Format version  
 (3) - Time (UNIX) of generation of report (RPTTIME)  
 (4) - Command line  
 (5) - Longitude of receiver position  
 (6) - Latitude of receiver position  
 (7) - Height above ellipsoid of receiver position in meters

Subsequent response lines:

If no parameter is set only the BASIC DATASET will be responded  
 If any one parameter is set the BASIC DATASET and any OPTIONAL DATASET and ALL SEPARATORS will be responded

List of parameters/options/separators:  
 "db" - show database items - \*D  
 "age" - show packet ages - \*A  
 "acas" - show ACAS/TCAS items - \*T  
 "ehs" - show Enhanced Surveillance (or DAP) items - \*E - IMPORTANT: these items are an estimation only as no interrogation data are known to the receiver  
 "adv" - show Advanced DF17 data items (type codes 23, 28, 29, 31 and unknown type codes) - \*V (unknown packet data for DF17 and DF19: implementation pending)  
 "tis" - show TIS-B data - \*B (implementation pending)  
 "ic" - show Interrogator Code counts and time since last packet seen (sec) - \*I  
 "all" - all options are activated

\*\* - last line and final delimiter of data file

List of selection parameters:  
 "yngr=n" - only flights with the last seen packet younger than n seconds will be responded (default: "yngr=60")  
 "id=nnnnn" - only the flight/aircraft with the ICAO code nnnnn will be responded (implementation pending)

Caller examples:  
`http://127.0.0.1/extflightdata.txt?bds&age&ehs&yngr=10`  
`http://127.0.0.1/extflightdata.txt?all&id=4B1A45`  
`http://127.0.0.1/extflightdata.txt?id=4B1A45&ic`

IMPORTANT: Options and Parameters are subject to evolutionary change. Please make sure that before processing any response the "Format Version" from the RECEIVER STATUS line is verified against the current version of your data dictionary



























