RECEIVERS THAT PASS THE 60KFT TEST

MANUFACTURER	MODEL	SOFTWARE	TESTED BY	TEST DATE	DATE POSTED
DeLorme	TripMate (Rockwell ZODIAC chip set and commands)	TBD	ARSAT (N5SNN)	10Sep05	18Mar06
FASTRAX See Notes [3] [7]	iTrax02	V 1.11	AMSAT-France (F6FAO)	15May04	18May04
GARMIN	ETrex	2.11	KMC (Pioneer Astro)	17Apr02	13Jun02
GARMIN	GEKO 201	V 2.0	TVNSP (KD7OST)	TV03G 12Jul03	13Jul03
GARMIN	GPS-16-HVS	2.3.0	TVNSP (N7MTZ & W7MJR)	04Jul04	05Jul04
GARMIN	GPS-18-LVC	2.30 & 2.40	TVNSP (KC7DBA)	06Nov04	14Nov04
GARMIN	GPS-25 LP-LVS	GPS 25-LVS V2.5	F1SRX	12Jun2003	30Jan04
GARMIN	RINO	TBD	HABITAT SKYLAB (KAØJLF)	01Aug04	03Aug04
GARMIN	GPS-35HVS	GPS 25-HVS V2.5	WØZC	22Apr01	05May01
GARMIN	GPS-15H	2.70	KB8PVR	09Apr05	19Apr05
MOTOROLA	GT+ ONCORE [5]	NA	KI5CZ	1998	07Dec04
MOTOROLA	M12 P183T12N12	61-G10002A Ver.1 Rev. 3	ANSR (KD7LMO)		12Jan03
MOTOROLA	M12+ P283T12N15	61-G10002A Ver.1 Rev. 8	ANSR (KD7LMO)	07Dec02	12Dec02
RAND McNALLY	Streetfinder GPS for the Palm III (ROCKWELL ZODIAC)	ZODIAC V1.83	ORB (KC5TRB)	ORB-5 14Sep03	18Sep03
ROCKWELL	JUPITER	JUP V1.80	EOSS	EOSS-39 12Mar00 thru -	08May01

źródło: http://showcase.netins.net/web/wallio/GPSrcvrsvs60kft.htm

(CONEXANT)	TU30-D140-221/231 [Note 6]	CRC:CFB5	(W5VSI)	49 21Apr01	
TRIMBLE	LASSEN LP GPS P/N 39263-00	7.82	BEAR (VE6SBS)	BEAR-1 27May00 BEAR-2 05Aug00	23Jun01

RECEIVERS THAT FAIL THE 60KFT TEST

MANUFACTURER	MODEL	SOFTWARE	TESTED BY	TEST DATE	DATE POSTED
AXIOM	SandPiper	SiRF Star-1 chipset	[1]	unk	
DELUO (rebranded EVERMORE) Note [4]	Serial GPS	Unknown	EOSS-83 (KØANI)	08Aug04	09Aug04
DELUO	Lite	Unknown (Sony chipset)	K5IS	16Apr05	28Apr05
GARMIN	GPS-45	3.05	EOSS (KCØJHQ, N7QAM)	26Sep01	10Jan02
HOLUX	GM-210 [1] (SiRF-II chip set)	$Version 2.3.2-GSW2-2.05.024-C1Prod1.1 $SiRF version : 2.3.2 uservesion : GM210V41	TABEL KE4PJW/KQ4TV	22Apr06 01Jul06	28Jul06
HOLUX	GR-213 [1] (SiRF-III chip set)	Also failed Info pending	TABEL KE4PJW/KQ4TV	01Jul06	28Jul06
RADIO SHACK	DigiTraveler		Note [2]		
ROCKWELL (CONEXANT)	JUPITER TU30-D140-061 [Note 6]	JUP V1.03	EOSS (KCØYA)		24Jan06
SAN JOSE NAVIGATION	FV-17 (FURUNO GN-79N)	Unknown	Alfred Kastler school (F5FJA/F6FAO – France)	13May04	02Jun04

Note [1] **We now have solid evidence that GPS receivers based on SiRF-I, SiRF-II and SiRF-III chip sets all fail at ~60kft.**

źródło: http://showcase.netins.net/web/wallio/GPSrcvrsvs60kft.htm

Note [2] We have a report that a Radio Shack DigiTraveler GPS receiver max'ed-out at 9,999m but continued with reliable 2D navigation.

Note [3] Warning de F6FAO: To have the GPS working above 18 km, you need to send a command to the GPS. This command is 'Set Upper Limit'.

Note [4] The DeLuo Serial GPS receiver is a discontinued product but DeLuo continues to sell a few EverMore GPS receivers. It appears all EverMore receivers are limited to 18km altitude. Some other DeLuo GPS receivers are based on either the SiRF Star-I chip set (limited to 18km per above) and SiRF Star-II chip sets (reported to work above 18km per above).

Note [5] Motorola GT OnCore receivers in both 6-channel (earlier) and 8-channel (later) versions were successfully flown above 18km by FreeSpace, and HABET (ISGC/ISU). Model numbers and software versions are no longer available.

Note [6] From Steve KCØYA of EOSS: Early Rockwell Jupiter boards, serial numbers <300,000 with V1.03 software, have failed above 30km. Later boards, serial numbers >386,000 with V1.80 software, have repeatedly worked ok. Contact Steve for more details.

Note [7] Gerard Auvray, F6FAO, forwards the following information from FASTRAX support:

źródło: http://showcase.netins.net/web/wallio/GPSrcvrsvs60kft.htm