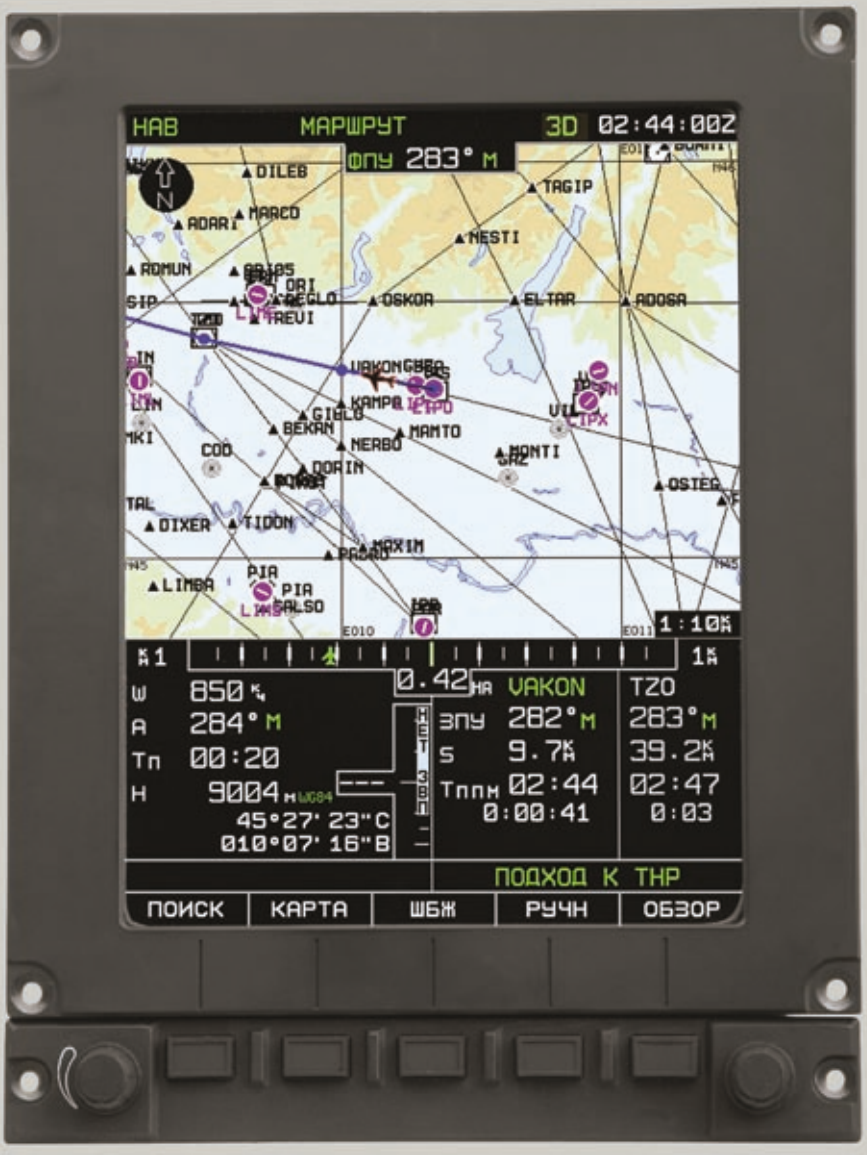
Advanced Moving Map System

NAVIGATION SYSTEM

AMMS is designed to define plane and helicopter position using built-in GPS/GLONASS sensor. RAIM, FDE and PRAIM functions are realized in the system.

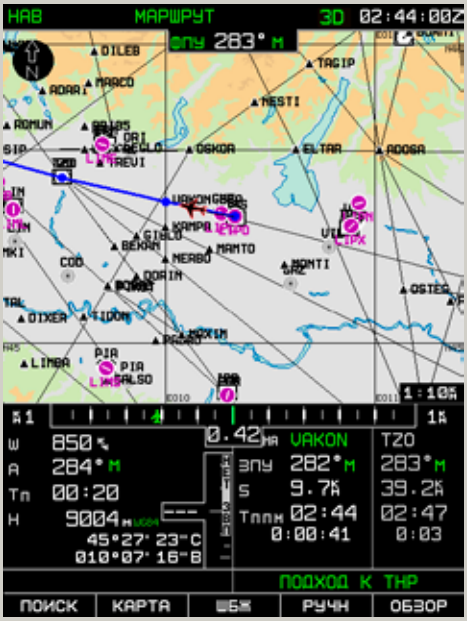
AMMS enable aircraft position, operation with aeronautical database and airways, aircraft position mapping, navigation data display and flight optimization.

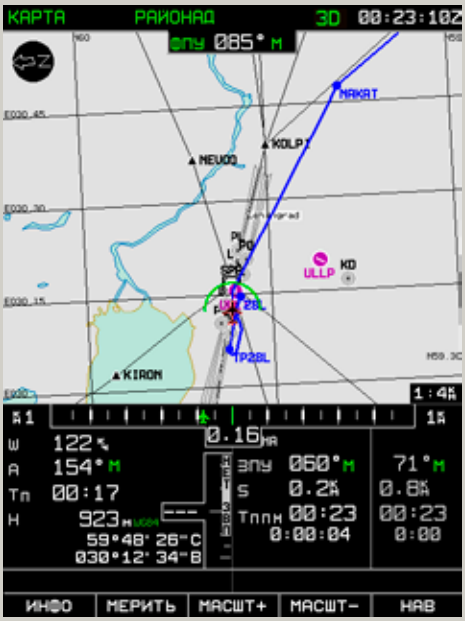


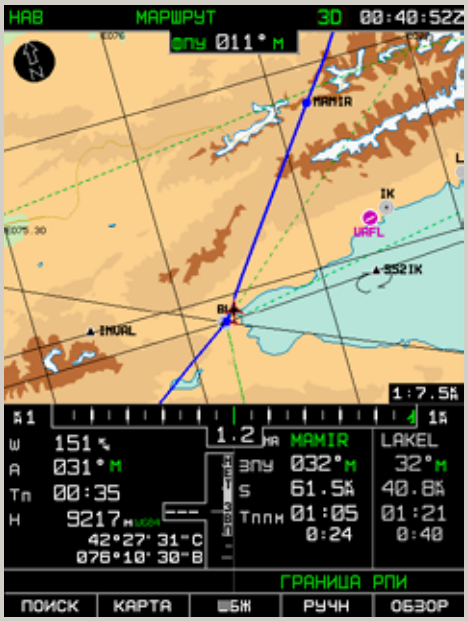
AMMS has convenient user interface, high-visibility multicolor 10.5" display, large and easy for read prints and contrasting background.

The system has Appliance Design Approval issued by Interstate Aviation Committee and is installed on the following aircraft:

- An-124
- An-2
- Il-76
- Mi-8
- Mi-17
- Mi-171
- Mi-26
- Ka-32
- Ka-50
- Ka-27PST
- Ka-31







MAIN TECHNICAL PARAMETERS

DIMENSIONS AND WEIGHT	220X260X147 mm; 5,5 kg
POWER SUPPLY	+27 V; 80 W
EMBEDDED SATELLITE NAVIGATION SYSTEM	GLONASS/GPS, 12 channels with RAIM and FDE functions
OPERATING CONDITION	Operating temperature range: -40°C - +70° Limiting temperature range: -50°C - +85°C Humidity < 98% at +35°C
CONTROLS	5 multifunction buttons and cursor control device
MTBF	10 000 h

DISPLAY PARAMETERS

DISPLAY SIZE	10,5”
MATRIX RESOLUTION	480 x 640 pixels
COLOR RANGE	262144
BRIGHTNESS	> 850 cd/m^2
CONTRAST	> 100:1
VIEWING ANGLES	> ±85° horizontally > ±85° vertically

INTERFACES

ARINC 429	4 inputs / 4 outputs
ARINC 646 (ETHERNET)	1 channel
ANALOG SIGNALS	6 inputs / 4 outputs
RS-232	2 channels
AUDIO CHANNEL	1 output channel
DISCRETE SIGNALS	1 output

TRANSAS 54-4 Maly pr., V.O., 199178, St.Petersburg, Russia,
phone: +7 (812) 325-31-31, +7(812) 702-44-44 , fax: +7 (812) 702-45-57, e-mail: aviation@transas.com, **WWW.TRANSAS.COM**