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GPS AEROcontrol™ (IGI, Kreuztal;), [13].

GPS- [8, 9]. (.1, 2): (INS), 12- L1/L2 GPS- , AEROcontrol™ , - CCNS 4, GPS-

[5] Leica, ASCOT

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1. (X,Y,Z) $(\omega, \varphi, \kappa)$:

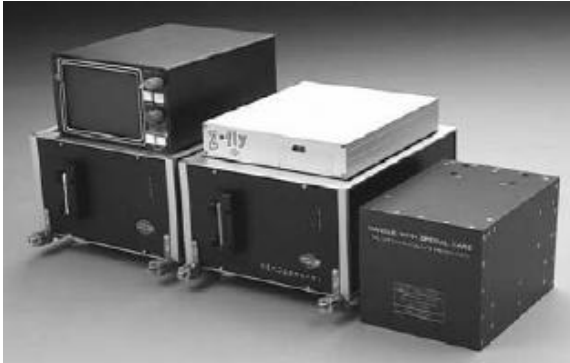
[14] (TLS) STARIMAGER STARLABO, GPS/IMU

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STARLABO,

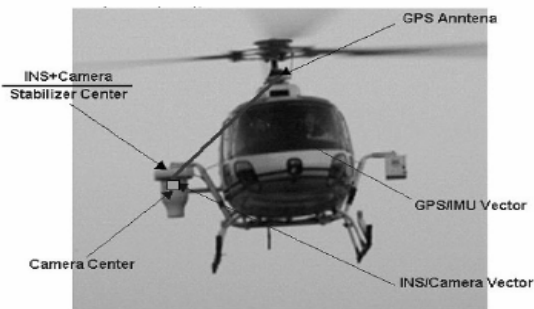
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. 2. GPS/INS

. AEROcontrol™ IGI, Kreuztal,



. 3. STARIMAGER of STARLABO Corp., ()



. 4. STARIMAGER

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GPS,
: Trimble Navigation, Leica, Sokkia, Garmin
Intertainment, Magellan, Motorola.

GPS Trimble Leica.

RMK
TOP (Zeiss), RC20 PC30 (Leica, LH-Systems)
GPS

: CCNS-4, T-Flight (Zeiss),

Ascot (Leica).

GPS- DGPS;

Trimble Navigation Ltd

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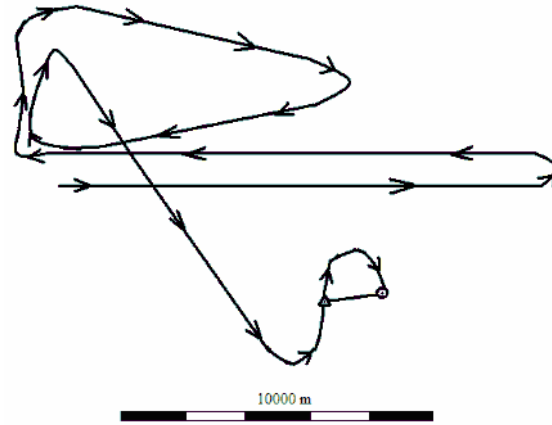
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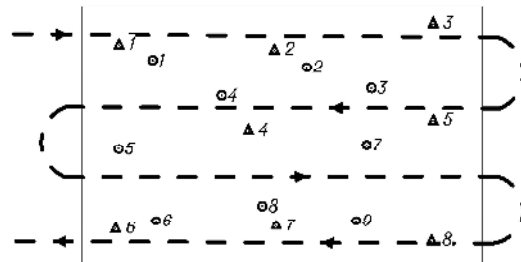
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- - - - - межа знімання
- ▲ 9 - опорні точки
- 10 - контрольні точки

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10. - GPS GIS- , 1999. - .23-27. GPS SR9500. - .: 13. - GPS GIS- », 2005. - . 133 – 135. Leica, 1997. – 68 . / IV 11. -8 (3-). - .: , « - GPS GIS- », 1999 .- . 23 - 27. 12. 14. - / : « », , 2006. – 185 . 3.12.2008

GPS-

GPS- , GPS-

**PROBLEMS AND PERSPECTIVE DIRECTIONS OF DEVELOPMENTS OF
GPS – SYSTEMS OF AIRPHOTO TYPE**

V. V. Pashkovskyy, O. D. Paschetnyk

In the article the thorough analysis of question of connection of navigational systems with photo equipment is conducted. of Important problems of airphoto production, the cost of introduction of new method is calculated, that considerably goes down due to the exclusion of process planned high altitude preparation are determined. Using of GPS is offered for airphoto, that allows to diminish the number of surface supporting points for drawing a map and helps to define position of center of projection of cameras, which are applied in photograph.

Keywords: airphoto, airphotography, positioning, stereophotogrammetrical method, GPS -receiver, GPS-antenna, aircraft.

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