

Operation Tic tac toe

24.08.19 12:00-15:00 (UTC)



Russian Federation and Kazakhstan MCD  
Special Operations Department  
Event Master Plan

# Operation Tic tac toe

24.08.19 12:00-15:00 (UTC)



XR Special Operations Department kindly invites everyone to the third international Special Operations Event CAT-A operation Tic tac toe on 24th August 12:00 – 15:00 UTC.

According to the legend on 24th August at the joint-use airport Novosibirsk - Tolmachevo (UNNT/XNNT) will be performed an international training on searching of the objects on the route. 5 objects – «grids» are located in the restricted area UNR1196. They are composed of 9 cells (3x3) and in one of the cell of each grids there is Tu-22 aircraft.

4 different routes are built to be completed. Pilots must spot 5 different objects and correctly identify cells where planes are located.

The grids are included in the additional scenery files and should be visible on the ground.

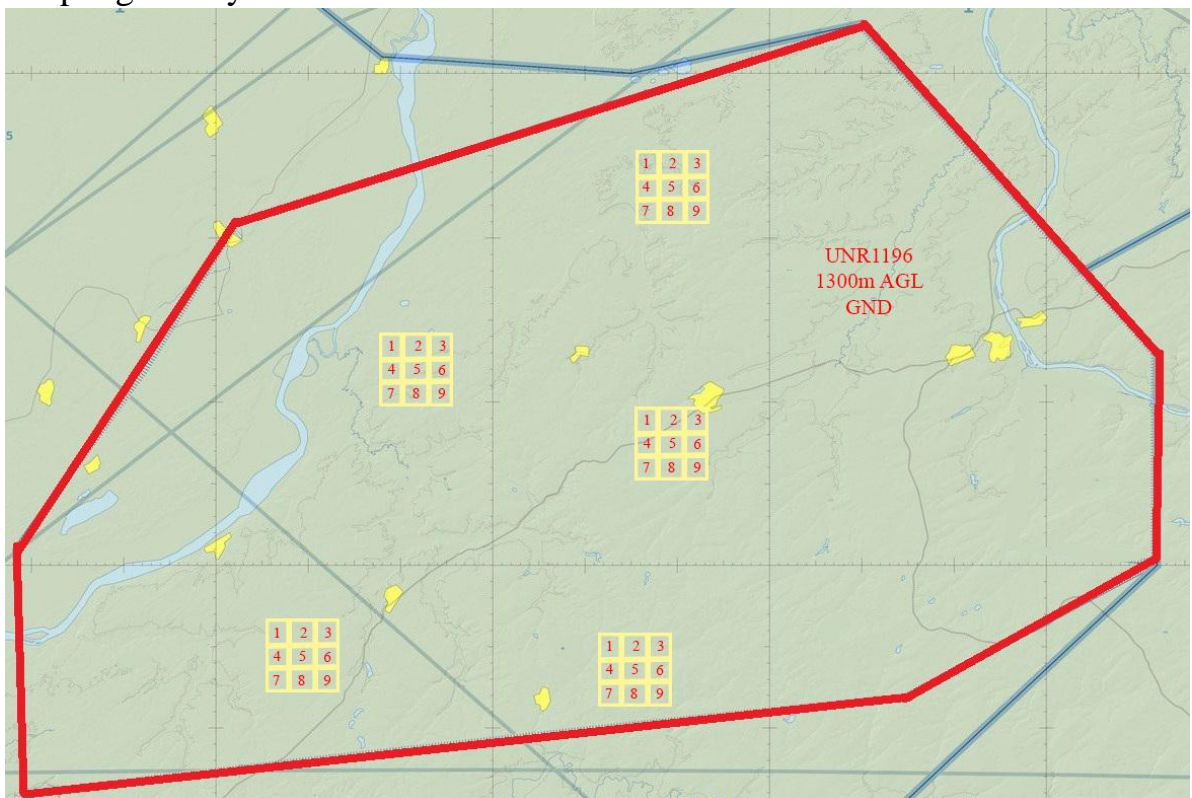
Length and width of grids: 270x270 meters

Length and width of cells: 90x90 meters

Color of grids and cells (day and night): yellow

Color of aircrafts (day and night): gray

Example grids layout:



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In case of pilot has found 4 or less objects, he/she must do whole exercise again.

During the flight, pilot has to send information on the cells, where aircrafts are located by using private messages to XR-SOC (.chat XR-SOC). For example:

1. 9
2. 8
3. 7
4. 6
5. 5

Where 1. – is the number of the grid, and 9 – is the number of the cell.

Permitted aircrafts are the following: prop with MTOW less than 7000 kg (C172, AN-2, L410 etc).

Minimum secure altitude for UNR1196 restricted area is 500m AGL

Allowed flight altitudes: 500m, 800m, 1200m AGL

Pilots must be ready to change the altitude by the ATC request.

Alternative aerodrome: Barnaul-Mihaylovka (UNBB/XNBB)

Alternative route: EB B206 TUMKO

FL to alternate: 070

During the event the following NOTAM will be implemented for UNR1196:

J0001/19 NOTAMN

Q)UNNT/QRRCA/IV/BO/W/000/999/5530N08410E038

A)UNNT B)1908241200 C)1908241530 D)24 1200-1530

E) RESTRICTED AREA ACT: UNR1196. FLIGHTS IN THE AREA ARE ALLOWED ONLY BY PARTICIPANTS WITH SO EVENT.

F)GND G)1300 M AGL

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Rules for entry the UNR1196			
Runway in use: 31	Runway in use: 16	Runway in use: 25	Runway in use: 07
After passing SV NDB (520 kHz), fly heading 53° to the UNR1196 zone and climb initially 700 meters to avoid UNR1188 restricted area (the radius 3 km and center at N551054E0825 812), after passing UNR1188 descend/climb to the flight plan altitude.	After passing GH NDB (520 kHz), fly heading 39° to the UNR1196 zone and climb initially 700 meters to avoid UNR1188 restricted area (the radius 3 km and center at N551054E0825 812), after passing UNR1188 descend/climb to the flight plan altitude.	After passing RO NDB (520 kHz), fly heading 44° to the UNR1196 zone and climb initially 700 meters to avoid UNR1188 restricted area (the radius 3 km and center at N551054E0825 812), after passing UNR1188 descend/climb to the flight plan altitude.	After passing KT NDB (520 kHz), fly heading 36° to the UNR1196 zone and climb initially 700 meters to avoid UNR1188 restricted area (the radius 3 km and center at N551054E0825 812), after passing UNR1188 descend/climb to the flight plan altitude .
Rule for leave the UNR1196			
After leaving the UNR1196 zone fly heading 233° and expect vectoring.			

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## Phraseology

Pilots are requested to use phraseology:

English – [«ICAO 4444»»](#)

When entering and leaving the UNR1196 you have to report the beginning and the end of the exercise:

- Novosibirsk, 10100, start of mission
- Novosibirsk, 10100, end of mission

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## Flight plan

ACARS - ICAO International Flight Plan

International Flight Plan

<<= (FPL 7 aircraft ident. 94605 - 8 flightrules I - type of flight M) <<=

- 9 number type of aircraft 1 L410 / wake turbulence cat. 10 equipment L - SDFG / S <<=

- 13 departure aerodrome XNNT departure time 1230 <<=

- 15 cruising speed K 300 level M 0050

route  
/UNR1196/ <<=

- 16 destination aerodrome XNNT total EET 0110 altn aerodrome XNBB second altn aerodrome <<=

other information  
- STS/MARSA DOF/190824 OPR/RUSSIAN AIR FORCE RMK/HWOSTOW 150 1 150 1 <<=

supplementary information

- 19 endurance E/0200 - persons on board P/2 - pilot in command C/ALEXANDR KHVOSTOV <<=

- aircraft color and markings (MTL) A/L410 Aeroflot (AFL) <<=

Load... Save... Reset REQ ROUTE ... Send FPL Cancel

We ask you to fill it this way:

Callsing - registration number or military callsign (RFF, ASF, FAG etc.);

Departure aerodrome and departure time – military code of aerodrome and take off time;

Route– /UNR1196/;

Destination aerodrome and altn aerodrome – military code of aerodromes;

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### Other information –

- STS/MARSA - for a flight for which a military entity assumes responsibility for separation of military aircraft;
- DOF/ - The date of flight departure in a six-figure format (YYMMDD, where YY equals the year, MM equals the month and DD equals the day);
- OPR/ - ICAO designator or name of the aircraft operating agency, if different from the aircraft identification in item 7. (for example: RUSSIAN AIR FORCE, ROMANIAN AIR FORCE, ARGENTINE AIR FORCE).
- RMK/ - indicate pilots surname, and his weather minimums (cloud ceiling in meters (2 or 3 numbers) and horizontal visibility in kilometers).

And other necessary information.

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Event participants must use stands at the military apron.



During the flight, pilots must contact Novosibirsk on 124.000.

Pilots can ask their questions during the event on the [Discord server](#) or on the [TeamSpeak 3 server](#) ("OPERATION TIC TAC TOE 24/08/19 12-15 UTC" channel).

Half an hour before the beginning of the event, participants will receive an email with current weather in the restricted area UNR1196.

If in the restricted area UNR1196 the lower boundary of the cloud cover is less than 500 meters, we recommend CAVOK (Clouds And Visibility OK) in the simulator settings.

Please sign up in advance to take part in the event and choose a slot (departure time and the route) on the IVAO SO department website.

Pilots participating in the event will get 2 SO points.

ATC participating in the event will get 2 SO points.

ATC, who are willing to participate must book their positions in advance on the IVAO SO department website and on IVAO booking system.

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## ATC positions

Position	Callsign	Frequency
UNNT_MIL_APP	Novosibirsk	124.000
UNNT_TWR	Novosibirsk-tower	128.500
UNNT_CTR	Novosibirsk-control	136.000

## Additional information

### Sceneries

- Novosibirsk - Tolmachevo (UNNT/XNNT): [FS2004/FSX/P3D/X-Plane 10\(X-Plane 11\)](#)

### Charts

- Novosibirsk - Tolmachevo (UNNT/XNNT): [AIP Russia. Book 1](#)

### Alternate airport sceneries

- Barnaul - Mihaylovka (UNBB/XNBB): [FS2004/FSX\(P3D\)/X-Plane 10\(X-Plane 11\)](#)

### Alternate airport charts

- Barnaul - Mihaylovka (UNBB/XNBB): [AIP Russia. Book 1](#)

**Archives with the sceneries are locked under password, which will be sent to participants 30 minutes before the event beginning via email.**

### Additional sceneries:

[FSX\(P3D\)](#)  
[X-Plane 10\(11\)](#)  
[FS2004](#)

If you have any questions write an email to [xr-soc@ivao.aero](mailto:xr-soc@ivao.aero), [xr-soac@ivao.aero](mailto:xr-soac@ivao.aero)

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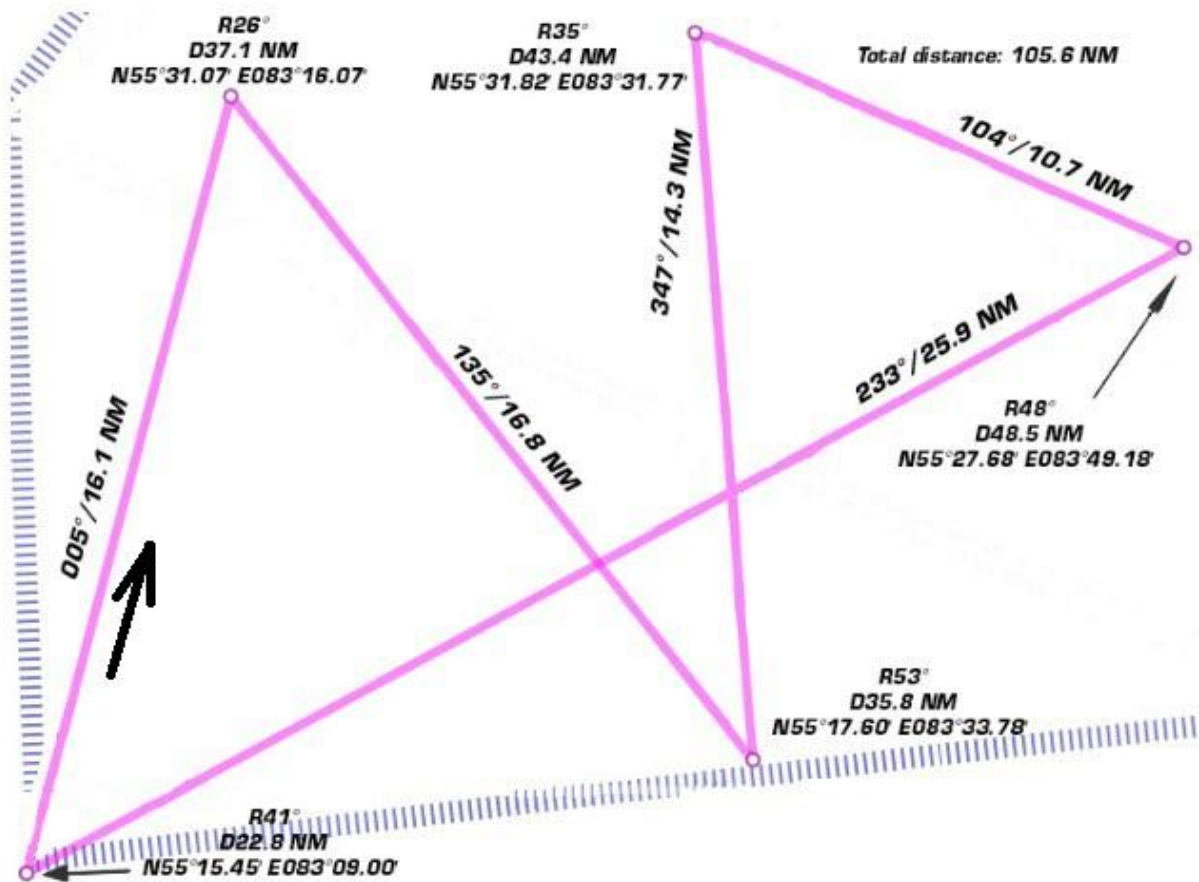
Russian Federation and Kazakhstan MCD  
Special Operations Department  
Route №1

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Headings are magtetic



[Link to Skyvector](#) (headings are true)

Radial and distance from VOR-DME NSK 111.3.

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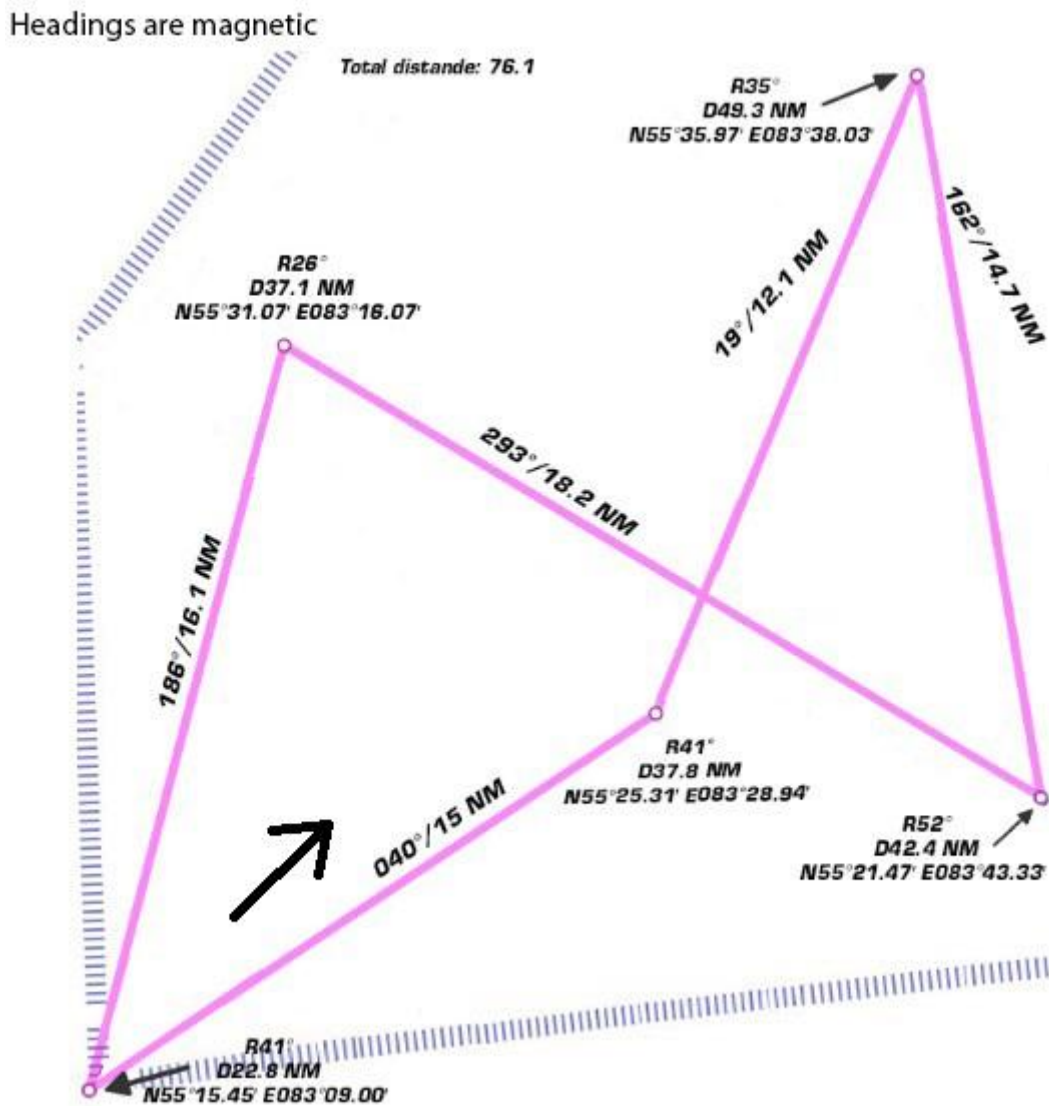
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Special Operations Department  
Route №2

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[Link to Skyvector](#) (headings are true)

Radial and distance from VOR-DME NSK 111.3.

Operation Tic tac toe

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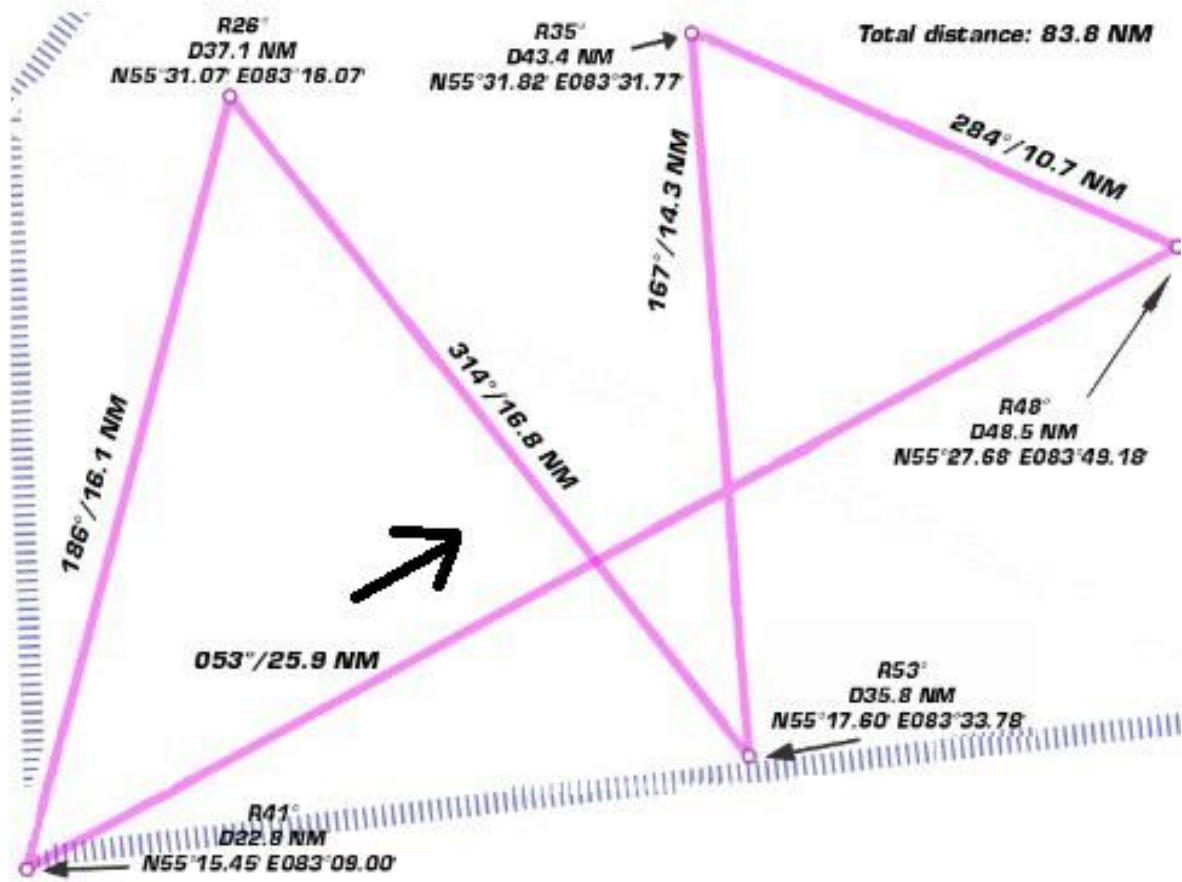
Russian Federation and Kazakhstan MCD  
Special Operations Department  
Route №3

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Headings are magnetic



[Link to Skyvector](#) (headings are true)

Radial and distance from VOR-DME NSK 111.3.

Operation Tic tac toe

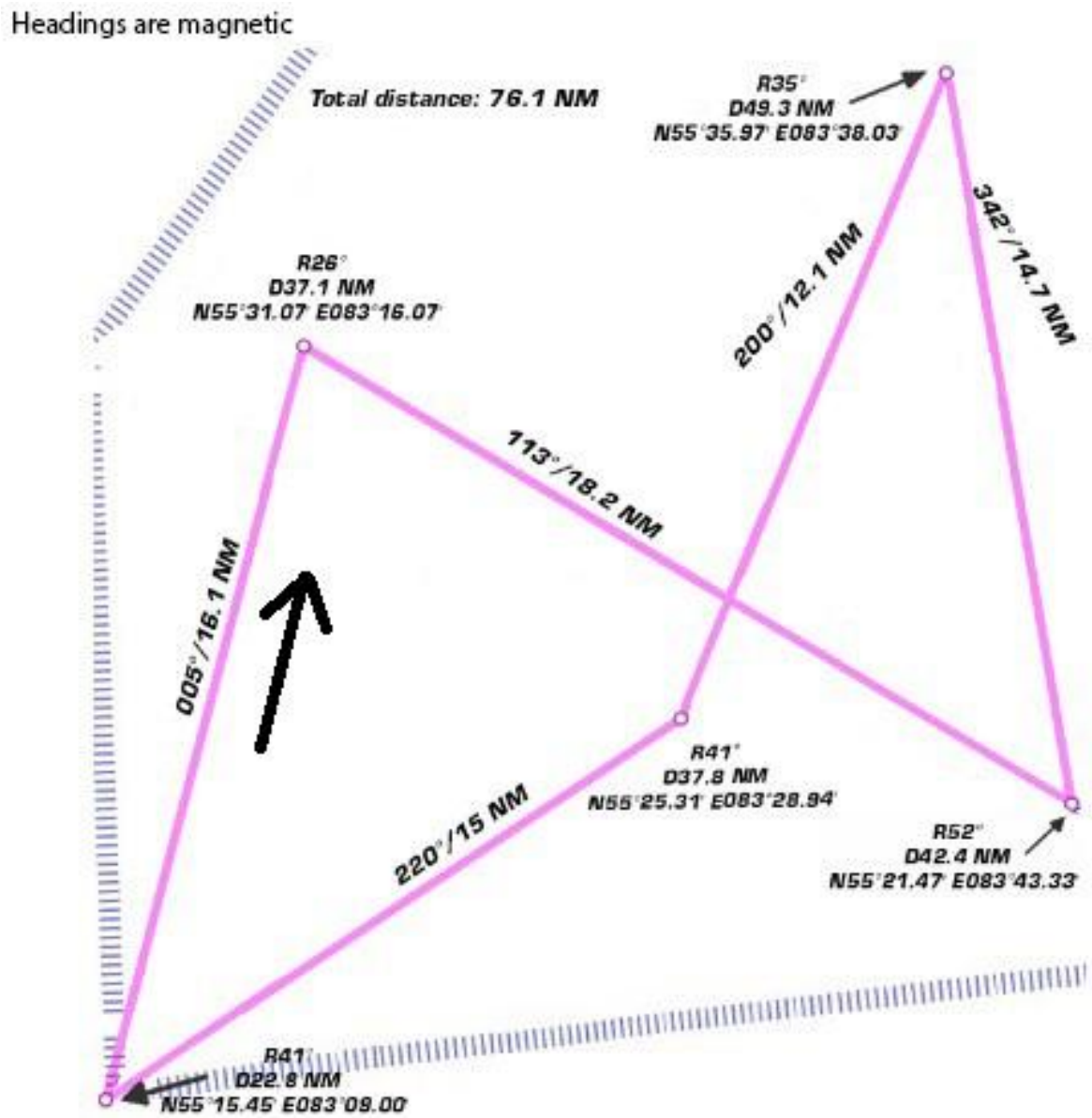
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Route №4

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[Link to Skyvector](#) (headings are true)

Radial and distance from VOR-DME NSK 111.3.