# INSTRUMENT APPROACH CHART - ICAO

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| VNUKOVO TOWER | **118.300** |
| VNUKOVO RADAR | **123.400 126.000 135.900** |

# MOSCOW, RUSSIA
## VNUKOVO
## GLS RWY 19

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| **GBAS**<br>CH 20842 G19A | TRANSITION LEVEL: ❶<br>TRANSITION ALT: *10000'*<br>TRANSITION HGT: (2900) | AD ELEV: ***685'/209m***<br>THR ELEV: ***634'/193.0m*** |

**MISSED APPROACH**
Climb straight ahead to WW952, turn LEFT to FOBUL climbing to *3500'*/(875), then proceed to SODLE-TOLKE--SIDAZ-NDB DR-RORUK or by ATC instruction.

| OCA(H) | | A | B | C | D |
|---|---|---|---|---|---|
| Straight-in Approach | **CAT I** | *834'(200')*/(60) | *834'(200')*/(60) | *834'(200')*/(60) | *834'(200')*/(60) |
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❶ TRANSITION LEVEL:
- FL110 when QNH is 1013 hPa (760mm mercury column) or above;
- FL120 when QNH is 977 hPa (733mm mercury column) or above, but less than 1013 hPa (760mm mercury column);
- FL130 when QNH is less than 977 hPa (733mm mercury column).

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GROUND SPEED | km/h | *150* | *180* | *210* | *240* | *270* | *300* | *330* | *360* | *390* | *420* | *450* |
| RATE OF DESCENT | m/s | *2.2* | *2.6* | *3.0* | *3.5* | *3.9* | *4.3* | *4.8* | *5.2* | *5.6* | *6.1* | *6.5* |
| | *ft/min* | *427* | *512* | *597* | *682* | *768* | *853* | *938* | *1024* | *1109* | *1194* | *1280* |

CHANGE: UUP