

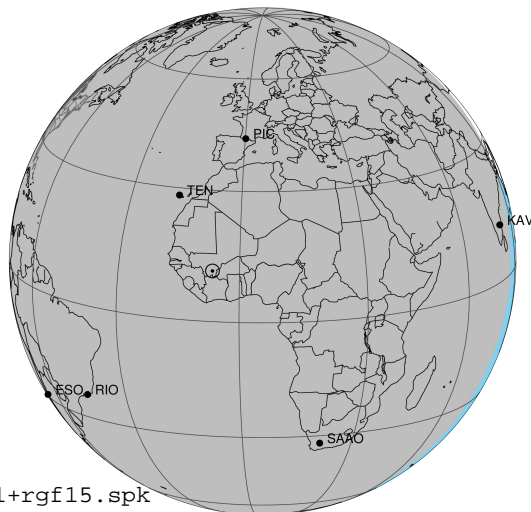
target : Jupiter  
 target radius (km) : 71492.00  
 C/A epoch : 2023-10-24T00:09:30.320  
 Event type : P  
 : Jupiter occs: not geocentric or topocentric  
 : Not a ringed target  
 Gaia source ID : 26941131552787840  
 2Mass ID (if available) : 02381515+1356049

Jupiter 2023-10-24T00:09:30 K9.41 G10.97 P

ICRS Star Coord at Epoch: 02h 38m 15.15239s +13:56:04.38700s

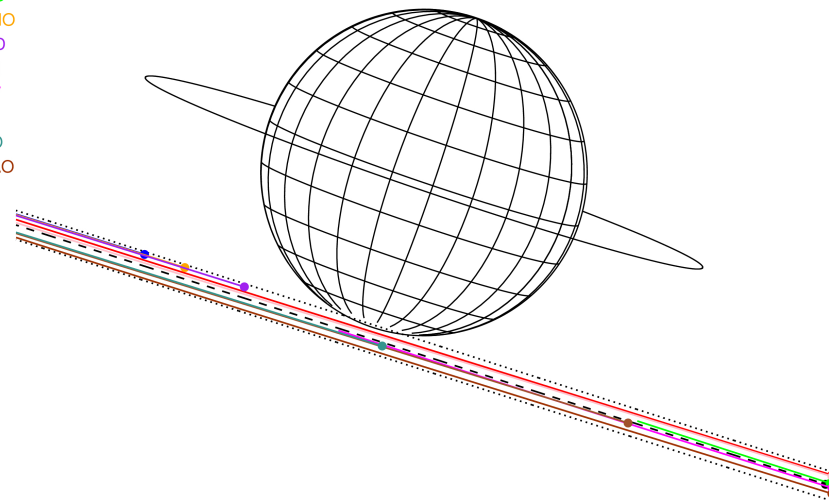
RUWE (>1.4 is poor) : 1.10  
 K magnitude : 9.408  
 G magnitude : 10.968  
 RP magnitude : 10.431  
 BP magnitude : 11.320  
 DUPflag : 0  
 Distance (au) : 3.994  
 f0 (km) : 0.00  
 g0 (km) : 0.00  
 skyplane vel. (km/s) : -15.79  
 Sun-Target sep (deg) : 168.37  
 Sun-Moon sep (deg) : 76.85  
 B (ring opening deg) : 3.42  
 PA of pole (deg) : -18.85  
 Pole direction: RA (deg): 268.05803  
 Dec (deg): 64.49678  
 C/A sky separation (") : 26.383  
 C/A sky separation (km) : 76432.5  
 NAIF SPICE kernels : RAJobs\_U111+rgf15.spk

Jupiter 2023-10-24T00:09:30 K9.41 G10.97  
 P



2023-10-24T00:09:30.3200 a: 02 38 15.1524 & +13 56 04.387 C/A \*\*\*\*\* PA 342.24 deg v\_sky -15.79 km/s D 03.99 AU  
 Credit: Styled after SORA/Lucky Star

Earth  
 PIC  
 PAL  
 PMO  
 KPNO  
 MCD  
 TEN  
 KAV  
 RIO  
 ESO  
 SAAO



Observable events with sun below -5 deg and altitude above 5 deg

Obs	Location	lat	Elon	Target	Observed Events	Interval	OCode
PIC	Pic du Midi	42.9	0.1				Pnn
PAL	Palomar Mt (200")	33.4	243.1				Pnn
PMO	Purple Mtn Obs. Nanking	32.1	118.8				Pnn
KPNO	Kitt Peak Natl Obs	32.0	248.4				Pnn
MCD	McDonald Obs. 2.7m	30.7	256.0				Pnn
TEN	Teide Obs./Tenerife	28.3	343.5				Pnn
IRTF	Mauna Kea/IRTF	19.8	204.5				Pnn
KAV	Kavalur Observatory	12.6	78.8				Pnn
RIO	Rio de Janeiro	-22.9	316.8				Pnn
ESO	European Southern Obs. (3.6m)	-29.3	289.3				Pnn
AAT	Siding Spring (AAT)	-31.3	149.1				Pnn
SAAO	So. Afr. Astro. Obs. (Sutherland)	-32.4	20.8				Pnn
MSO	Mt. Stromlo Observatory	-35.3	149.0				Pnn

