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PHOTOELECTRIC SECONDARY MINIMA OF AK Her

Differential photoelectric observations of AK Her were made by Bookmeyer (1) on 28 May 1966 at Kitt Peak National Observatory. We have obtained the times of heliocentric secondary minima via the method of Kwee and Van Woerden (2). The light elements given by Binnendijk (3)(I) and Kurutac and Ibanoglu (4)(II) were used to determine O-C's for both yellow and blue observations.

AK Her

Pri. Min: JD 2436757.6601 ± 0.42152502.E (I)
 Pri. Min: JD 2438531.4318 ± 0.42152309.E (II)

Secondary Minima	Error	Phase	Color	O-C	Elem.
JD 2439274.79119	±0.00018	0.4868	Y	-0.0056	I
.79075	±0.00015	0.4858	B	-0.0060	I
.79110	±0.00018	0.5079	Y	+0.0033	II
.79068	±0.00017	0.5069	B	+0.0029	II

Evidently, the elements II are to be preferred.

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References

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- (3) Binnendijk, L., Astron.Jour. 66, 27, (1961).
- (4) Kuruta, M., and Ibanoglu, C., IBVS. No. 369, (1969).