

## AAQ RESOLUTION SURVEY - REPORT FORM

*(Use extra sheets if required)*

**Observer Name:** \_\_\_\_\_

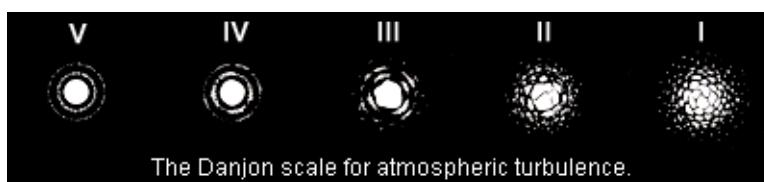
Item	Note	Pair 1	Pair 2	Pair 3	Pair 4	Pair 5
Newsletter edition						
Star Name/Identifier						
Date						
Telescope/mount number	1					
Site number	2					
Time (24h local)						
Seeing (1-5)	3					
Moon (None, 1 <sup>st</sup> qtr etc)						
Magnification						
Altitude of star (deg)	4					
<b>Result</b> ( <i>tick one</i> )	5					
Separated – clear centres						
Separated – contact/notch						
Maybe – not sure						
Not separated						

Notes:

1. Briefly describe telescopes and mounts. 1. \_\_\_\_\_  
*(eg 8" SCT, alt-az)* 2. \_\_\_\_\_





2. Briefly describe sites and limiting magnitude <sup>(6)</sup> 1. \_\_\_\_\_  
*(suburb, rural/urban, lighting, lat/long if poss.)* 2. \_\_\_\_\_

3. Use the following **seeing scale**, based on the behaviour of the Airy diffraction pattern (see the diagram):  
 1 – Very poor: Airy disk and rings undifferentiated, image in strong motion. 2 – Poor: Disk occasionally visible, and rings rarely; moderate motion. 3 – Moderate: Disk usually visible, and rings sometimes; light motion. 4 – Good: Disk always visible and rings usually; limited motion. 5 – Excellent: Disk and rings always differentiated; image steady.



4. Make a rough estimate of star altitude: horizon is 0<sup>0</sup>, zenith (overhead) is 90<sup>0</sup>, and half-way up is 45<sup>0</sup>.

5. Separated- clear      Separated - notch effect      Maybe - elongated      Not

6. The magnitude of the dimmest star which can be seen with the naked eye from the site in a moonless sky (if known).