
APPENDIX D

RUNWAY VISUAL RANGE TABLES

RUNWAY VISUAL RANGE TABLES

Table D-1. RVR Transmittance Conversion Table for Tasker 400 and Equivalent Systems with 250-Foot Baseline -- Contrast Threshold 5.5 Percent

| | DAY | NIGHT | |
|--------------------|-------------|-------------|----------|
| RVR (Ft) | <u>LS 5</u> | <u>LS 5</u> | RVR (Ft) |
| 400 | .0299 | .0013 | 400 |
| 600 | .1038 | .0113 | 600 |
| 800 | .1974 | .0351 | 800 |
| 1000 | .2905 | .0707 | 1000 |
| 1200 | .3746 | .1134 | 1200 |
| 1400 | .4479 | .1590 | 1400 |
| 1600 | .5107 | .2048 | 1600 |
| 1800 | .5644 | .2492 | 1800 |
| 2000 | .6104 | .2913 | 2000 |
| 2200 | .6499 | .3307 | 2200 |
| 2400 | .6840 | .3674 | 2400 |
| 2600 | .7136 | .4014 | 2600 |
| 2800 | .7395 | .4328 | 2800 |
| 3000 | .7774 | .4820 | 3000 |
| 3500 | .8194 | .5415 | 3500 |
| 4000 | .8431 | .5906 | 4000 |
| 4500 | .8584 | .6317 | 4500 |
| 5000 | .8710 | .6662 | 5000 |
| 5500 | .8815 | .6957 | 5500 |
| 6000 | .8905 | .7209 | 6000 |
| LS - Light Setting | | | |

Note: When a given value of RVR is being reported, the transmittance shall be between the two adjacent values listed in the table.

Table D-2. RVR Transmittance Conversion Table for Tasker 500 and Equivalent Systems with 250-Foot Baseline -- Contrast Threshold 5.0 Percent

| | DAY | NIGHT | |
|---------------------|-------------|-------------|----------|
| RVR (Ft) | <u>LS 5</u> | <u>LS 5</u> | RVR (Ft) |
| 500 | | | 500 |
| ----- | .0449 | .0027 | ----- |
| 600 | | | 600 |
| ----- | .0823 | .0075 | ----- |
| 700 | | | 700 |
| ----- | .1264 | .0159 | ----- |
| 800 | | | 800 |
| ----- | .1974 | .0351 | ----- |
| 1000 | | | 1000 |
| ----- | .2905 | .0707 | ----- |
| 1200 | | | 1200 |
| ----- | .3746 | .1134 | ----- |
| 1400 | | | 1400 |
| ----- | .4479 | .1590 | ----- |
| 1600 | | | 1600 |
| ----- | .5107 | .2048 | ----- |
| 1800 | | | 1800 |
| ----- | .5644 | .2492 | ----- |
| 2000 | | | 2000 |
| ----- | .6104 | .2913 | ----- |
| 2200 | | | 2200 |
| ----- | .6499 | .3307 | ----- |
| 2400 | | | 2400 |
| ----- | .6840 | .3674 | ----- |
| 2600 | | | 2600 |
| ----- | .7136 | .4014 | ----- |
| 2800 | | | 2800 |
| ----- | .7395 | .4328 | ----- |
| 3000 | | | 3000 |
| ----- | .7774 | .4820 | ----- |
| 3500 | | | 3500 |
| ----- | .8190 | .5415 | ----- |
| 4000 | | | 4000 |
| ----- | .8384 | .5906 | ----- |
| 4500 | | | 4500 |
| ----- | .8541 | .6317 | ----- |
| 5000 | | | 5000 |
| ----- | .8671 | .6662 | ----- |
| 5500 | | | 5500 |
| ----- | .8779 | .6957 | ----- |
| 6000 | | | 6000 |
| ----- | .8871 | .7209 | ----- |
| LS - Light Setting. | | | |

* Nighttime readings on the recorder cannot be determined for less than 700 feet. Report, if appropriate, M0700FT.

Note: When a given value of RVR is being reported, the transmittance shall be between the two adjacent values listed in the table.