










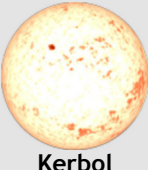

















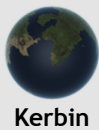


# Science Checklist












Revision 2 – KSP version 0.23 – 2014 June 29.

|   |                      |  |  |  |  |  |  |  |  |  |  |  |  |
|---|----------------------|---|---|---|---|--|---|---|---|---|---|---|--|
|   |                      | Surf  | EVA   | Crew  | Goo   | Matl   | Temp  | Baro  | Grav  | Seis  | Nose  | Recover   |  |
|    | SpaceLow             |   | 88  | 55  | 110   | 275  | 88  |   | 220   |   |   | 5   |  |
|   | SpaceHigh            |   | 88  | 55  | 110   | 275  |   |   | 220   |   |   |   |  |
|    | Surface              | 270   | 72  | 45  | 90  | 225  | 72  |   | 180   | 180   |   | 5   |  |
|   | SpaceLow             |   | 64  | 40  | 80  | 200  | 64  |   | 160   |   |   | 5   |  |
|   | SpaceHigh            |   | 64  | 40  | 80  | 200  |   |   | 160   |   |   |   |  |
|   | Surface              | 360   | 96  | 60  | 120   | 300  | 96  | 144   | 240   | 240   | 240   | 5   |  |
|   | Splashed             | 360   | 96  | 60  | 120   | 300  | 96  | 144   | 240   |   |   |   |  |
|   | FlyLow               |   | 56  | 35  | 70  | 175  | 56  | 84  |   |   | 140   | 5   |  |
|   | FlyHigh              |   | 56  | 35  | 70  | 175  | 56  | 84  |   |   | 140   |   |  |
|   | SpaceLow             |   | 56  | 35  | 70  | 175  | 56  |   | 140   |   |   | 5   |  |
|   | SpaceHigh            |   | 56  | 35  | 70  | 175  |   |   | 140   |   |   |   |  |
|  | Surface              | 270   | 72  | 45  | 90  | 225  | 72  |   | 180   | 180   |   | 5   |  |
|   | SpaceLow             |   | 64  | 40  | 80  | 200  | 64  |   | 160   |   |   | 5   |  |
|   | SpaceHigh            |   | 64  | 40  | 80  | 200  |   |   | 160   |   |   |   |  |
|  | Surface/<br>Splashed | Grasslands  | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Highlands   | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Mountains   | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Deserts   | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Badlands  | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Tundra  | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Ice Caps  | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Water   | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   |   |   |  |
|   |                      | Shores  | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | KSC   | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | LaunchPad   | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |
|   |                      | Runway  | 9   | 2.4   | 1.5   | 3  | 7.5   | 2.4   | 3.6   | 6   | 6   | 6   |  |

|           |            |  |  |  |  |  |  |  |  |  |  |  |
|-----------|------------|---|---|---|---|--|---|---|---|---|---|---|
|           |            | Surf  | EVA   | Crew  | Goo   | Matl   | Temp  | Baro  | Grav  | Seis  | Nose  | Recover   |
| FlyLow    | Grasslands |   | 5.6   | 3.5   | 7   | 17.5   | 5.6   | 8.4   |   |   | 14  | 5   |
|           | Highlands  |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Mountains  |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Deserts    |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Badlands   |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Tundra     |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Ice Caps   |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Water      |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Shores     |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | KSC        |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | LaunchPad  |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
|           | Runway     |   | 5.6   | 3.5   |   |  | 5.6   |   |   |   | 14  |   |
| FlyHigh   | Grasslands |   | 5.6   | 3.5   | 7   | 17.5   | 5.6   | 8.4   |   |   | 14  |   |
|           | Highlands  |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Mountains  |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Deserts    |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Badlands   |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Tundra     |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Ice Caps   |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Water      |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Shores     |   |   |   |   |  |   |   |   |   | 14  |   |
|           | KSC        |   |   |   |   |  |   |   |   |   | 14  |   |
|           | LaunchPad  |   |   |   |   |  |   |   |   |   | 14  |   |
|           | Runway     |   |   |   |   |  |   |   |   |   | 14  |   |
| SpaceLow  | Grasslands |   | 8   | 5   | 10  | 25   | 8   |   | 20  |   |   | 5   |
|           | Highlands  |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Mountains  |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Deserts    |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Badlands   |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Tundra     |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Ice Caps   |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Water      |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Shores     |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | KSC        |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | LaunchPad  |   | 8   |   |   |  |   |   | 20  |   |   |   |
|           | Runway     |   | 8   |   |   |  |   |   | 20  |   |   |   |
| SpaceHigh | Grasslands |   | 8   | 5   | 10  | 25   |   |   | 20  |   |   |   |
|           | Highlands  |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Mountains  |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Deserts    |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Badlands   |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Tundra     |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Ice Caps   |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Water      |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Shores     |   |   |   |   |  |   |   | 20  |   |   |   |
|           | KSC        |   |   |   |   |  |   |   | 20  |   |   |   |
|           | LaunchPad  |   |   |   |   |  |   |   | 20  |   |   |   |
|           | Runway     |   |   |   |   |  |   |   | 20  |   |   |   |




































Kerbin

|           |                     |  |  |  |  |  |  |  |  |  |  |  |
|-----------|---------------------|---|---|---|---|--|---|---|---|---|---|---|
|           |                     | Surf  | EVA   | Crew  | Goo   | Matl   | Temp  | Baro  | Grav  | Seis  | Nose  | Recover   |
| Surface   | Northern Basin      | 120   | 32  | 20  | 40  | 100  | 32  | [Greyed out]  | 80  | 80  | [Greyed out]  | 5   |
|           | Highland Craters    | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Highlands           | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Midland Craters     | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Midlands            | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Canyons             | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | East Crater         | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | East Farside Crater | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Farside Crater      | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Northwest Crater    | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Southwest Crater    | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Twin Craters        | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Polar Crater        | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
|           | Polar Lowlands      | 120   | 32  | 20  | 40  | 100  | 32  |   | 80  | 80  |   |   |
| Poles     | 120                 | 32  | 20  | 40  | 100   | 32   | 80  | 80  |   |   |   |   |
| SpaceLow  | Northern Basin      | [Greyed out]  | 24  | 15  | 30  | 75   | 24  | [Greyed out]  | 60  | [Greyed out]  | [Greyed out]  | 5   |
|           | Highland Craters    |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Highlands           |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Midland Craters     |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Midlands            |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Canyons             |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | East Crater         |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | East Farside Crater |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Farside Crater      |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Northwest Crater    |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Southwest Crater    |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Twin Craters        |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Polar Crater        |   | 24  |   |   |  |   |   | 60  |   |   |   |
|           | Polar Lowlands      |   | 24  |   |   |  |   |   | 60  |   |   |   |
| Poles     | 24                  |   |   |   |   | 60   |   |   |   |   |   |   |
| SpaceHigh | Northern Basin      | [Greyed out]  | 24  | 15  | 30  | 75   | [Greyed out]  | 60  | [Greyed out]  | [Greyed out]  | [Greyed out]  |   |
|           | Highland Craters    |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Highlands           |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Midland Craters     |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Midlands            |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Canyons             |   |   |   |   |  |   |   |   |   |   | 60  |
|           | East Crater         |   |   |   |   |  |   |   |   |   |   | 60  |
|           | East Farside Crater |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Farside Crater      |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Northwest Crater    |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Southwest Crater    |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Twin Craters        |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Polar Crater        |   |   |   |   |  |   |   |   |   |   | 60  |
|           | Polar Lowlands      |   |   |   |   |  |   |   |   |   |   | 60  |
| Poles     |                     |   |   |   |   | 60   |   |   |   |   |   |   |



Mun

|   |               |  Surf |  EVA |  Crew |  Goo |  Matl |  Temp |  Baro |  Grav |  Seis |  Nose |  Recover |  |
|---|---------------|--|---|--|---|---|--|--|--|--|--|---|--|
| <br>Minmus | Surface       |  |   |  |   |   |  |  |  |  |  |   |  |
|   | Highland      | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  | 5   |  |
|   | Midlands      | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Lowlands      | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Slopes        | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Lesser Flats  | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Flats         | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Great Flats   | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Greater Flats | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | Poles         | 150  | 40  | 25   | 50  | 125   | 40   |  | 100  | 100  |  |   |  |
|   | SpaceLow      |  |   |  |   |   |  |  |  |  |  |   |  |
|   | Highland      |  | 32  | 20   | 40  | 100   | 32   |  | 80   |  |  | 5   |  |
|   | Midlands      |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Lowlands      |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Slopes        |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Lesser Flats  |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Flats         |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Great Flats   |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Greater Flats |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | Poles         |  | 32  |  |   |   |  |  | 80   |  |  |   |  |
|   | SpaceHigh     |  |   |  |   |   |  |  |  |  |  |   |  |
|   | Highland      |  | 32  | 20   | 40  | 100   |  |  | 80   |  |  |   |  |
|   | Midlands      |  |   |  |   |   |  |  | 80   |  |  |   |  |
|   | Lowlands      |  |   |  |   |   |  |  | 80   |  |  |   |  |
|   | Slopes        |  |   |  |   |   |  |  | 80   |  |  |   |  |
|   | Lesser Flats  |  |   |  |   |   |  |  | 80   |  |  |   |  |
|   | Flats         |  |   |  |   |   |  |  | 80   |  |  |   |  |
|   | Great Flats   |  |   |  |   |   |  |  | 80   |  |  |   |  |
| Greater Flats   |               |  |   |  |   |   |  | 80   |  |  |  |   |  |
| Poles   |               |  |   |  |   |   |  | 80   |  |  |  |   |  |
| <br>Duna | Surface       | 240  | 64  | 40   | 80  | 200   | 64   | 96   | 160  | 160  | 160  | 5   |  |
|   | FlyLow        |  | 56  | 35   | 70  | 175   | 56   | 84   |  |  | 140  | 5   |  |
|   | FlyHigh       |  | 56  | 35   | 70  | 175   | 56   | 84   |  |  | 140  |   |  |
|   | SpaceLow      |  | 56  | 35   | 70  | 175   | 56   |  | 140  |  |  | 5   |  |
|   | SpaceHigh     |  | 56  | 35   | 70  | 175   |  |  | 140  |  |  |   |  |
| <br>Ike  | Surface       | 270  | 72  | 45   | 90  | 225   | 72   |  | 180  | 180  |  | 5   |  |
|   | SpaceLow      |  | 64  | 40   | 80  | 200   | 64   |  | 160  |  |  | 5   |  |
|   | SpaceHigh     |  | 64  | 40   | 80  | 200   |  |  | 160  |  |  |   |  |
| <br>Dres | Surface       | 240  | 64  | 40   | 80  | 200   | 64   |  | 160  | 160  |  | 5   |  |
|   | SpaceLow      |  | 56  | 35   | 70  | 175   | 56   |  | 140  |  |  | 5   |  |
|   | SpaceHigh     |  | 56  | 35   | 70  | 175   |  |  | 140  |  |  |   |  |
| <br>Jool | Surface       |  |   |  |   |   |  |  |  |  |  |   |  |
|   | FlyLow        |  | 56  | 35   | 70  | 175   | 56   | 84   |  |  | 140  | 5   |  |
|   | FlyHigh       |  | 56  | 35   | 70  | 175   | 56   | 84   |  |  | 140  |   |  |
|   | SpaceLow      |  | 56  | 35   | 70  | 175   | 56   |  | 140  |  |  | 5   |  |
| SpaceHigh   |               | 56   | 35  | 70   | 175   |   |  | 140  |  |  |  |   |  |

|  |           |  Surf |  EVA |  Crew |  Goo |  Matl |  Temp |  Baro |  Grav |  Seis |  Nose |  Recover |
|--|-----------|--|---|--|---|---|--|--|--|--|--|---|
|  Laythe | Surface   | 300  | 80  | 50   | 100   | 250   | 80   | 120  | 200  | 200  | 200  | 5   |
|  | Splashed  | 300  | 80  | 50   | 100   | 250   | 80   | 120  | 200  |  |  |   |
|  | FlyLow    |  | 72  | 45   | 90  | 225   | 72   | 108  |  |  | 180  | 5   |
|  | FlyHigh   |  | 72  | 45   | 90  | 225   | 72   | 108  |  |  | 180  |   |
|  | SpaceLow  |  | 72  | 45   | 90  | 225   | 72   |  | 180  |  |  | 5   |
|  | SpaceHigh |  | 72  | 45   | 90  | 225   |  |  | 180  |  |  |   |
|  Vall   | Surface   | 300  | 80  | 50   | 100   | 250   | 80   |  | 200  | 200  |  | 5   |
|  | SpaceLow  |  | 72  | 45   | 90  | 225   | 72   |  | 180  |  |  | 5   |
|  | SpaceHigh |  | 72  | 45   | 90  | 225   |  |  | 180  |  |  |   |
|  Tylo   | Surface   | 330  | 88  | 55   | 110   | 275   | 88   |  | 220  | 220  |  | 5   |
|  | SpaceLow  |  | 80  | 50   | 100   | 250   | 80   |  | 200  |  |  | 5   |
|  | SpaceHigh |  | 80  | 50   | 100   | 250   |  |  | 200  |  |  |   |
|  Bop    | Surface   | 270  | 72  | 45   | 90  | 225   | 72   |  | 180  | 180  |  | 5   |
|  | SpaceLow  |  | 64  | 40   | 80  | 200   | 64   |  | 160  |  |  | 5   |
|  | SpaceHigh |  | 64  | 40   | 80  | 200   |  |  | 160  |  |  |   |
|  Pol    | Surface   | 270  | 72  | 45   | 90  | 225   | 72   |  | 180  | 180  |  | 5   |
|  | SpaceLow  |  | 64  | 40   | 80  | 200   | 64   |  | 160  |  |  | 5   |
|  | SpaceHigh |  | 64  | 40   | 80  | 200   |  |  | 160  |  |  |   |
|  Eeloo  | Surface   | 270  | 72  | 45   | 90  | 225   | 72   |  | 180  | 180  |  | 5   |
|  | SpaceLow  |  | 64  | 40   | 80  | 200   | 64   |  | 160  |  |  | 5   |
|  | SpaceHigh |  | 64  | 40   | 80  | 200   |  |  | 160  |  |  |   |

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