|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A31(D\_SC) | |  | | delta\_x | |  | |  | |  | |  |
|  | | adjust | | C\_SL | | C\_L | | C\_M | | C\_R | | C\_SR |
| phi | | A\_SC | | 5 | | 5 | | 5 | | 4 | | 3 |
|  | | A\_C | | 5 | | 5 | | 4 | | 3 | | 2 |
|  | | A\_M | | 5 | | 4 | | 3 | | 2 | | 1 |
|  | | A\_A | | 4 | | 3 | | 2 | | 1 | | 1 |
|  | | A\_SA | | 3 | | 2 | | 1 | | 1 | | 1 |
|  |  | |  | |  | |  | |  | |
| A32 | |  | | delta\_x | |  | |  | |  | |  |
|  | | adjust | | C\_SL | | C\_L | | C\_M | | C\_R | | C\_SR |
| phi | | A\_SC | | 5 | | 5 | | 5 | | 4 | | 3 |
|  | | A\_C | | 5 | | 5 | | 4 | | 3 | | 2 |
|  | | A\_M | | 5 | | 4 | | 3 | | 2 | | 1 |
|  | | A\_A | | 4 | | 3 | | 2 | | 1 | | 1 |
|  | | A\_SA | | 3 | | 2 | | 1 | | 1 | | 1 |
|  | |  | |  | |  | |  | |  | |  |
|  | |  | |  | |  | |  | |  | |  |
| A33 | |  | | delta\_x | |  | |  | |  | |  |
|  | | adjust | | C\_SL | | C\_L | | C\_M | | C\_R | | C\_SR |
| phi | | A\_SC | | 5 | | 5 | | 4 | | 4 | | 3 |
|  | | A\_C | | 5 | | 4 | | 4 | | 3 | | 2 |
|  | | A\_M | | 4 | | 4 | | 3 | | 2 | | 2 |
|  | | A\_A | | 4 | | 3 | | 2 | | 2 | | 1 |
|  | | A\_SA | | 3 | | 2 | | 2 | | 1 | | 1 |
|  | |  | |  | |  | |  | |  | |  |
|  | |  | |  | |  | |  | |  | |  |
| A34 | |  | | delta\_x | |  | |  | |  | |  |
|  | | adjust | | C\_SL | | C\_L | | C\_M | | C\_R | | C\_SR |
| phi | | A\_SC | | 5 | | 4 | | 4 | | 4 | | 3 |
|  | | A\_C | | 4 | | 4 | | 4 | | 3 | | 2 |
|  | | A\_M | | 4 | | 4 | | 3 | | 2 | | 2 |
|  | | A\_A | | 4 | | 3 | | 2 | | 2 | | 2 |
|  | | A\_SA | | 3 | | 2 | | 2 | | 2 | | 1 |
|  | |  | |  | |  | |  | |  | |  |
|  | |  | |  | |  | |  | |  | |  |
| A35 | |  | | delta\_x | |  | |  | |  | |  |
|  | | adjust | | C\_SL | | C\_L | | C\_M | | C\_R | | C\_SR |
| phi | | A\_SC | | 5 | | 4 | | 4 | | 3 | | 3 |
|  | | A\_C | | 4 | | 4 | | 3 | | 3 | | 3 |
|  | | A\_M | | 4 | | 3 | | 3 | | 3 | | 2 |
|  | | A\_A | | 3 | | 3 | | 3 | | 2 | | 2 |
|  | | A\_SA | | 3 | | 3 | | 2 | | 2 | | 1 |

Rope1: C\_SL & A\_SC

Rope2: C\_L & A\_SC , C\_SL & A\_C

Rope3: C\_M & A\_SC , C\_L & A\_C , C\_SL & A\_M

Rope4: C\_R & A\_SC , C\_M & A\_C , C\_L & A\_M ,C\_SL & A\_A

Rope5: C\_SR & A\_SC , C\_R & A\_C , C\_M & A\_M , C\_L & A\_A , C\_SL & A\_SA

Rope6: C\_SR & A\_C , C\_R & A\_M , C\_M & A\_A , C\_L & A\_SA

Rope7: C\_SR & A\_M , C\_R & A\_A , C\_M & A\_SA

Rope6: C\_SR & A\_A , C\_R & A\_SA

Rope7: C\_SR & A\_SA