

requirement 0

5 0

. 0

2 0

. 0

4 0

. 0

2 0

, 0

such 0

speed B-parameter

shall 0

be 0

not 0

less 0

than 0

the 0

greater 0

of 0

and 0

The 0

speed B-parameter

has 0

been 0

selected 0

as 0

: 0

This 0

is 0

the 0

maximum B-parameter

flap I-parameter

operating I-parameter

speed I-parameter

for 0

the 0

take 0

- 0

off 0

(0

at 0

20 0

degrees 0

) 0

and 0

landing 0

flap 0

settings 0

at 0

40 0

degrees 0

. 0

Flaps B-parameter

maximum I-parameter

extension I-parameter

speed I-parameter

VFE 0

On 0

this 0

aeroplane B-asset
the 0
maximum B-parameter
flap I-parameter
extension I-parameter
speed I-parameter
is 0
identical 0
to 0
the 0
flap B-parameter
operating I-parameter
speed I-parameter
VF 0
. 0

This 0
speed B-parameter
is 0
the 0
maximum 0
speed 0
for 0
flaps 0
in 0
take 0
- 0
off 0
and 0
landing 0
configuration 0
. 0

Design 0
cruising B-parameter
speed I-parameter
VC B-parameter
According 0
to 0
requirement 0
5 0
. 0

2 0
. 0

4 0
. 0

3 0
may 0
not 0
be 0
less 0
than 0
:
and 0
need 0
not 0
be 0
greater 0
than 0
:
The 0

speed B-parameter
has 0
been 0
selected 0
as 0
: 0
(0
Note 0
: 0
can 0
be 0
selected 0
to 0
be 0
higher 0
than 0
. 0

) 0
(0
Note 0
: 0
and 0
VDF B-parameter
, 0

VD B-parameter
, 0

VNE B-parameter
correlate 0
with 0
each 0
other 0
. 0

should 0
be 0
selected 0
to 0
allow 0
for 0
a 0
minimum 0
margin 0
of 0
22 0
% 0
to 0
VDF B-parameter
in 0
order 0
to 0
be 0
able 0
to 0
satisfy 0
the 0
requirements 0
for 0
the 0
next 0
subchapters 0
. 0

) 0
Design 0
dive B-parameter
speed I-parameter
VD B-parameter
According 0
to 0
requirement 0
5 0
. 0

2 0
. 0

4 0
. 0

4 0
For 0
a 0
higher 0
value 0
than 0
the 0
one 0
above 0
has 0
been 0
chosen 0

: 0
(0
Note 0
: 0
ASTM 0
F2245 0
- 0
12d 0
5 0
. 0

2 0
. 0

4 0
. 0

4 0
requires 0
an 0
exact 0
value 0
for 0
the 0
dive 0
speed 0
. 0

Indeed 0
, 0

such 0
value 0
should 0

be 0
understood 0
as 0
a 0
minimum 0
value 0
. 0

This 0
will 0
be 0
clarified 0
in 0
the 0
next 0
amendment 0
of 0
the 0
CS 0
- 0
LSA 0
. 0

) 0
Demonstrated B-parameter
dive I-parameter
speed I-parameter
VDF B-parameter
According 0
to 0
requirement 0
4 0
. 0

1 0
. 0

1 0
. 0

1 0
VDF I-parameter
must 0
be 0
less 0
than 0
or 0
equal 0
to 0
VD B-parameter
. 0

In 0
this 0
case 0
VDF B-parameter
is 0
equal 0
to 0
VD B-parameter
: 0
(0
Note 0
: 0

In 0
case 0
the 0
demonstrated 0
VDF B-parameter
is 0
lower 0
than 0
VD B-parameter
then 0
VNE B-parameter
needs 0
to 0
be 0
limited 0
accordingly 0
which 0
could 0
have 0
an 0
impact 0
on 0
the 0
selection 0
of 0
VC B-parameter
as 0
well 0
. 0

) 0
Never B-parameter
exceed I-parameter
speed I-parameter
VNE B-parameter
According 0
to 0
requirement 0
4 0
. 0

1 0
. 0

1 0
. 0

2 0
the 0
VNE B-parameter
Shall 0
be 0
greater 0
than 0
or 0
equal 0
to 0
: 0
and 0
must 0
be 0
less 0
than 0
or 0

equal 0
to 0
: 0
The 0
speed B-parameter
has 0
been 0
selected 0
as 0
: 0
Note 0
: 0
If 0
the 0
aircraft B-asset
is 0
equipped 0
with 0
retractable 0
landing B-system
gear I-system
then 0
VLO B-parameter
must 0
be 0
determined 0
as 0
well 0
(0
CS 0
- 0
LSA 0
. 0

15 0
6 0
. 0

12 0
. 0

2 0
) 0
. 0

Altitude B-parameter
The 0
maximum B-parameter
permissible I-parameter
operational I-parameter
altitude I-parameter
is 0
13000ft 0
. 0

Despite 0
the 0
CS 0
- 0
LSA 0
requirements 0
do 0
not 0
require 0

to 0
accounts 0
for 0
the 0
effects 0
of 0
altitude B-parameter
, 0

such 0
effects 0
have 0
been 0
considered 0
up 0
to 0
10000 0
ft B-measurement
. 0

In 0
fact 0
the 0
gust B-parameter
load I-parameter
factor I-parameter
have 0
been 0
calculated 0
at 0
such 0
altitude B-parameter
. 0

This 0
is 0
considered 0
acceptable 0
since 0
it 0
covers 0
the 0
operational 0
range 0
within 0
which 0
the 0
aeroplane B-asset
will 0
fly 0
most 0
of 0
the 0
time 0
. 0

(0
Note 0
: 0
the 0
CS 0
- 0
LSA 0
requirement 0

does 0
not 0
require 0
to 0
account 0
for 0
the 0
effects 0
of 0
altitude B-parameter
. 0

Calculating 0
the 0
loads B-parameter
at 0
sea 0
level 0
would 0
be 0
acceptable 0
. 0

In 0
this 0
case 0
, 0

the 0
choice 0
to 0
consider 0
such 0
effect 0
up 0
to 0
10000 0
ft 0
is 0
a 0
decision 0
of 0
a 0
designer 0
, 0

which 0
would 0
be 0
accepted 0
by 0
the 0
team 0
. 0

) 0
Manoeuvring B-parameter
and I-parameter
Gust I-parameter
load I-parameter
factors I-parameter
n 0
Summary 0
of 0

limit B-parameter
load I-parameter
factors I-parameter
according 0
to 0
certification 0
specifications 0
and 0
gust 0
requirements 0
. 0

Table 0
2 0
â 0
Manoeuvring B-parameter
limit I-parameter
load I-parameter
factors I-parameter
Gust B-parameter
envelope I-parameter
Gust B-parameter
load I-parameter
factors I-parameter
need 0
to 0
be 0
considered 0
because 0
they 0
can 0
exceed 0
the 0
prescribed 0
maximum B-parameter
load I-parameter
factors I-parameter
at 0
different 0
weights B-parameter
and 0
altitudes B-parameter
. 0

Since 0
gust B-parameter
loads I-parameter
depend 0
on 0
air B-parameter
density I-parameter
and 0
aircraft B-parameter
mass I-parameter
they 0
will 0
be 0
calculated 0
for 0
all 0
twelve 0
cases 0
(0
sea B-parameter

level I-parameter
and 0
10000ft 0
= 0
FL100 0
, 0

maximum 0
, 0

minimum B-parameter
flying I-parameter
weight I-parameter
and 0
minimum B-parameter
flying I-parameter
weight I-parameter
with 0
full 0
wing B-component
fuel I-component
tanks I-component
) 0
according 0
to 0
requirement 0
5 0
. 0

2 0
. 0

3 0
. 0

3 0
with 0
flaps B-module
retracted 0
(0
requirement 0
5 0
. 0

2 0
. 0

6 0
. 0

1 0
) 0
and 0
fully 0
extended 0
(0
requirement 0
5 0
. 0

2 0
. 0

6 0

. 0

2 0
) 0
at 0
. 0

The 0
calculation 0
is 0
based 0
on 0
appendix 0
X3 0
. 0

To 0
calculate 0
the 0
gust B-parameter
loads I-parameter
at 0
altitudes B-parameter
other 0
than 0
at 0
sea B-parameter
level I-parameter
the 0
formula 0
X3 0
. 0

1 0
is 0
altered 0
to 0
include 0
the 0
density 0
at 0
sea B-parameter
level I-parameter
as 0
well 0
:
The 0
corresponding 0
weights B-parameter
are 0
defined 0
within 0
. 0

Since 0
the 0
gust B-parameter
loads I-parameter
on 0
the 0
wing B-system
and 0
tail B-system
have 0

been 0
chosen 0
to 0
be 0
treated 0
together 0
, 0

is 0
the 0
slope 0
of 0
the 0
lift B-parameter
- I-parameter
curve I-parameter
of 0
the 0
aeroplane B-asset
(0
) 0
. 0

(0
Note 0
: 0
the 0
applicant 0
should 0
provide 0
the 0
method 0
for 0
the 0
calculation 0
of 0
the 0
slope 0
of 0
the 0
lift 0
- 0
curve 0
of 0
the 0
aeroplane B-asset
) 0
Table 0
3 0
 \hat{a}_G 0
Gust B-parameter
load I-parameter
factors I-parameter
V B-parameter
- I-parameter
n I-parameter
Envelope I-parameter
Below 0
a 0
typical 0
flight B-parameter
envelope I-parameter
is 0
shown 0

. 0

This 0
specific 0
one 0
is 0
corresponding 0
to 0
MTOW 0
and 0
FL100 0
. 0

For 0
other 0
design B-parameter
weights I-parameter
the 0
shape 0
of 0
the 0
envelope 0
remains 0
similar 0
, 0

with 0
the 0
difference 0
that 0
the 0
gust B-parameter
lines I-parameter
will 0
change 0
(0
due 0
to 0
different 0
load B-parameter
factors I-parameter
as 0
per 0
Table 0
3 0
) 0
. 0

Figure 0
1 0
 $\hat{\sigma}_G$ 0
Manoeuvring B-parameter
envelope I-parameter
at 0
MSL 0
and 0
Gust B-parameter
envelope I-parameter
at 0
FL100 0
Compliance 0
statements 0
Compliance 0
statements 0

```
are 0
shown 0
below 0
: 0

{ 0
" 0
extra 0
" 0
: 0
{ 0
} 0
, 0

" 0
name 0
" 0
: 0
" 0
design 0
_ 0
10245 0
_ 0
5b8d0b983bb642fca43810f7d070e61f 0
_ 0
s 0
" 0
, 0

" 0
parameters 0
" 0
: 0
[ 0
{ 0
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parameter 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
Length B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
495 0
. 0

77099961456554 0
" 0
, 0

" 0
component 0
```

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_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
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name 0
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" 0
Arm B-system
_ 0
1316 0
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
Length B-parameter
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
Length B-parameter
" 0
} 0
] 0
, 0

" 0
optimization 0
```



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" 0
: 0
" 0
arm B-system
_ 0
length B-parameter
" 0
} 0
, 0
```

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{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
Length B-parameter
" 0
, 0
```

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" 0
value 0
" 0
: 0
" 0
453 0
. 0
```

```
748491619997 0
" 0
, 0
```

```
" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
1 0
" 0
, 0
```

```
" 0
component 0
_ 0
```

```
property 0
" 0
: 0
" 0
Length B-parameter
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
property 0
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: 0
" 0
Length B-parameter
" 0
} 0
] 0
, 0

" 0
optimization 0
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: 0
" 0
arm B-system
_ 0
Length B-parameter
" 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1318 0
_ 0
Length B-parameter
" 0
```

```
, 0
" 0
value 0
" 0
: 0
" 0
448 0
. 0

641926667614 0
" 0
, 0

" 0
component 0
_ 0
properties 0
" 0
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[ 0
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" 0
component 0
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name 0
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" 0
Arm B-system
_ 0
1318 0
_ 0
1 0
" 0
, 0

" 0
component 0
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property 0
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" 0
Length B-parameter
" 0
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{ 0
" 0
component 0
_ 0
name 0
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Arm B-system
_ 0
1318 0
_ 0
2 0
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, 0
```

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" 0
component 0
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property 0
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Length B-parameter
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, 0
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" 0
optimization 0
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: 0
" 0
arm B-system
_ 0
length B-parameter
" 0
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, 0
```

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{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Arm B-system
_ 0
1319 0
_ 0
Length B-parameter
" 0
, 0
```

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" 0
value 0
" 0
: 0
" 0
487 0
. 0
```

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0869752214329 0
" 0
, 0
```

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" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
```

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_ 0
name 0
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: 0
" 0
Arm B-system
_ 0
1319 0
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
property 0
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: 0
" 0
Length B-parameter
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component 0
_ 0
name 0
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: 0
" 0
Arm B-system
_ 0
1319 0
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
property 0
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: 0
" 0
Length B-parameter
" 0
} 0
] 0
, 0

" 0
optimization 0
" 0
: 0
" 0
arm B-system
_ 0
length B-parameter
" 0
} 0
```

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, 0
{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
BODY B-system
_ 0
ROT 0
_ 0
ANGLE B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
30 0
. 0

0 0
" 0
, 0

" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
BOTTOM B-module
_ I-module
CONNECTOR I-module
_ 0
ROTATION B-parameter
" 0
```

```
} 0
, 0

{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Orient B-module
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
Z 0
_ 0
ANGLE B-parameter
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
1 0
_ 0
CLOCK 0
_ 0
ANGLE B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
270 0
. 0

0 0
" 0
, 0

" 0
component 0
_ 0
```

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properties 0
" 0
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" 0
component 0
_ 0
name 0
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Bend B-module
_ 0
1 0
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component 0
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property 0
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ANGHORZCONN 0
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} 0
] 0
} 0
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{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
2 0
_ 0
CLOCK 0
_ 0
ANGLE B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
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90 0
. 0

0 0
" 0
, 0

" 0
component 0
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properties 0
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component 0
_ 0
name 0
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Bend B-module
_ 0
2 0
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component 0
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property 0
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ANGHORZCONN 0
" 0
} 0
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{ 0
" 0
parameter 0
_ 0
name 0
" 0
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" 0
Bend B-module
_ 0
3 0
_ 0
CLOCK 0
_ 0
ANGLE 0
" 0
, 0

" 0
value 0
" 0
: 0
" 0
180 0
. 0

0 0
" 0
, 0

" 0
```

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component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
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: 0
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Bend B-module
_ 0
3 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
ANGHORZCONN 0
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
4 0
_ 0
CLOCK 0
_ 0
ANGLE B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
90 0
. 0

0 0
" 0
, 0
```

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" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
4 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
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" 0
ANGHORZCONN 0
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
5 0
_ 0
CLOCK 0
_ 0
ANGLE B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
270 0
. 0

0 0
" 0
, 0
```

```
" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
5 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
ANGHORZCONN 0
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
6 0
_ 0
CLOCK 0
_ 0
ANGLE B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
180 0
. 0

0 0
" 0
```

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, 0
" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
Bend B-module
_ 0
6 0
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
ANGHORZCONN 0
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
CargoCaseRotation B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
330 0
. 0

0 0
" 0
, 0

" 0
component 0
_ 0
```

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properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
" 0
CargoCase B-module
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
Rotation B-parameter
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
CargoMass B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
0 0
. 0

5 0
" 0
, 0

" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
```

```
_ 0
name 0
" 0
: 0
" 0
Cargo B-system
" 0
, 0

" 0
component 0
_ 0
property 0
" 0
: 0
" 0
WEIGHT B-parameter
" 0
} 0
] 0
} 0
, 0

{ 0
" 0
parameter 0
_ 0
name 0
" 0
: 0
" 0
ControlChannelAuto B-parameter
" 0
, 0

" 0
value 0
" 0
: 0
" 0
- 0
1 0
" 0
, 0

" 0
component 0
_ 0
properties 0
" 0
: 0
[ 0
{ 0
" 0
component 0
_ 0
name 0
" 0
: 0
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Motor B-system
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sensor B-module
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Flange B-module
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ANGLE I-parameter
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CLOCK B-parameter
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ANGLE I-parameter
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Flange B-module
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CLOCK B-parameter
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NegPropDir B-parameter
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Direction B-parameter
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NegPropType B-parameter
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Propeller B-system
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PosPropDir B-parameter
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Propeller B-system
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Direction B-parameter
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Propeller B-system
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Direction B-parameter
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Propeller B-system
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Propeller B-system
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RotatedArm B-component
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ROT2 B-parameter
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RotatedArm B-component
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RotatedArm B-component
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ROT2 B-parameter
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RotatedArm B-component
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Length B-parameter
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RotatedArm B-component

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RotatedArm B-component

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arm B-system
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components 0
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component 0
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instance 0
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Arm B-system
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1316 0
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component 0
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type 0
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Tube B-component
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component 0
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choice 0
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Arm B-system
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Tube B-component
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Arm B-system
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Tube B-component
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Arm B-system
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Tube B-component
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Arm B-system
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Tube B-component
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Arm B-system
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Tube B-component
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Arm B-system
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Tube B-component
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component 0
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instance 0
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BatteryController B-control
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component 0
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type 0
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BatteryController B-control
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BatteryController B-control
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Battery B-system
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Battery B-system
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TurnigyGraphene6000mAh3S75C 0
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Bend B-module
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Bend B-module
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Bend B-module
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Cargo B-system
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Cargo B-system
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Cargo B-system
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CargoCase B-module
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CargoCase B-module
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CargoCase B-module
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Flange B-module
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component 0
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Flange B-module
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choice 0
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flange B-module
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Flange B-module
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Flange B-module
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Flange B-module
_ 0
446 0
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Flange B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
```

```
0394 0
_ 0
para 0
_ 0
flange B-module
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Flange B-module
_ 0
447 0
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Flange B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
0394 0
_ 0
para 0
_ 0
flange B-module
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Flange B-module
_ 0
447 0
_ 0
```

```
2 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Flange B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
0394 0
_ 0
para 0
_ 0
flange B-module
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
UAV B-module
_ I-module
Fuselage I-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
```

```
" 0
capsule B-module
_ I-module
fuselage I-module
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
MainHub B-module
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Para 0
_ 0
Hub 0
_ 0
6 0
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
0394od 0
_ 0
para 0
_ 0
hub 0
_ 0
6 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Motor B-system
```



```
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Motor B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
t 0
_ 0
motor 0
_ 0
P60KV340 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Motor B-system
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Motor B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
```

```
t 0
_ 0
motor 0
_ 0
P60KV340 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Motor B-system
_ 0
3 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Motor B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
t 0
_ 0
motor 0
_ 0
AT4120KV500 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Motor B-system
_ 0
4 0
" 0
, 0
```

```
" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Motor B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
kde 0
_ 0
direct 0
_ 0
KDE5215XF 0
_ 0
435 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Motor B-system
_ 0
5 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Motor B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
kde 0
_ 0
direct 0
```

```
_ 0
KDE5215XF 0
_ 0
435 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Motor B-system
_ 0
6 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Motor B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
t 0
_ 0
motor 0
_ 0
AT4120KV500 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Orient B-module
" 0
, 0

" 0
component 0
_ 0
```

```
type 0
" 0
: 0
" 0
Orient B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
Orient B-module
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Propeller B-system
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Propeller B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
apc 0
_ 0
propellers 0
_ 0
14x4W 0
" 0
} 0
, 0

{ 0
" 0
component 0
```

```
_ 0
instance 0
" 0
: 0
" 0
Propeller B-system
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Propeller B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
apc 0
_ 0
propellers 0
_ 0
14x4w 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Propeller B-system
_ 0
3 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Propeller B-system
" 0
, 0

" 0
```

```
component 0
_ 0
choice 0
" 0
: 0
" 0
apc 0
_ 0
propellers 0
_ 0
18 0
_ 0
1x10 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Propeller B-system
_ 0
4 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Propeller B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
apc 0
_ 0
propellers 0
_ 0
15x6E 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
```

```
: 0
" 0
Propeller B-system
_ 0
5 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Propeller B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
apc 0
_ 0
propellers 0
_ 0
15x6E 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Propeller B-system
_ 0
6 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Propeller B-system
" 0
, 0

" 0
component 0
_ 0
choice 0
```



```
" 0
: 0
" 0
apc 0
_ 0
propellers 0
_ 0
18 0
_ 0
1x10 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
RotatedArm B-component
_ 0
443 0
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Tube B-component
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
03940D 0
_ 0
para 0
_ 0
tube 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
```

```
" 0
RotatedArm B-component
_ 0
443 0
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Tube B-component
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
03940D 0
_ 0
para 0
_ 0
tube 0
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
RotatedArm B-component
_ 0
444 0
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Tube B-component
" 0
, 0

" 0
```

```
component 0
_ 0
choice 0
" 0
: 0
" 0
03940D 0
_ 0
para 0
_ 0
tube 0
" 0
} 0
, 0
```

```
{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
RotatedArm B-component
_ 0
444 0
_ 0
2 0
" 0
, 0
```

```
" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Tube B-component
" 0
, 0
```

```
" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
03940D 0
_ 0
para 0
_ 0
tube 0
" 0
} 0
, 0
```

```
{ 0
" 0
component 0
_ 0
instance 0
" 0
```

```
: 0
" 0
Sensor B-module
_ 0
1 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Sensor B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
RpmTemp B-parameter
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Sensor B-module
_ 0
2 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Sensor B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
Autopilot B-parameter
```

```
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Sensor B-module
_ 0
3 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Sensor B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
Current B-parameter
" 0
} 0
, 0

{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Sensor B-module
_ 0
4 0
" 0
, 0

" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Sensor B-module
" 0
```

```
, 0
" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
Voltage B-parameter
" 0
} 0
, 0
```

```
{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Sensor B-module
_ 0
5 0
" 0
, 0
```

```
" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Sensor B-module
" 0
, 0
```

```
" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
GPS B-module
" 0
} 0
, 0
```

```
{ 0
" 0
component 0
_ 0
instance 0
" 0
: 0
" 0
Sensor B-module
_ 0
6 0
" 0
, 0
```

```
" 0
component 0
_ 0
type 0
" 0
: 0
" 0
Sensor B-module
" 0
, 0

" 0
component 0
_ 0
choice 0
" 0
: 0
" 0
Variometer B-parameter
" 0
} 0
] 0
, 0

" 0
connections 0
" 0
: 0
[ 0
{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
```

```
Flange B-module
_ 0
445 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
445 0
_ 0
2 0
" 0
, 0

" 0
to 0
```



```
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
1 0
" 0
} 0
```

```
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
5 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
1 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
```

```
: 0
" 0
Arm B-system
_ 0
1318 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
446 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1318 0
_ 0
2 0
" 0
, 0
```

```
" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
446 0
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1319 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0
```

```
" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
447 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1319 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
```

```
447 0
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
```

```
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
4 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
```

```
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
from 0
```



```
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
6 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
```

```
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
5 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
3 0
" 0
, 0

" 0
to 0
```

```
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Battery B-system
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
PowerBus B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
BatteryPower B-component
" 0
} 0
, 0

{ 0
" 0
```

```
from 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
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Bend B-module
_ 0
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from 0
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conn 0
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Side B-component
_ I-component
Connector I-component
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RotatedArm B-component
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444 0
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BaseConnection B-component
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Bend B-module
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conn 0
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Side B-component
_ I-component
Connector I-component
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Arm B-system
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1316 0
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BaseConnection B-component
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Bend B-module
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Side B-component
_ I-component
Connector I-component
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Arm B-system
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Bend B-module
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Connector I-component
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RotatedArm B-component
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Bend B-module
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Connector I-component
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Arm B-system
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CargoCase B-module
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CargoConnector B-component
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Cargo B-system
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CargoConnector B-component
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Flange B-module
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Flange B-module
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Flange B-module
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TopConnector B-component
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Motor B-system
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Connector I-component
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Flange B-module
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Motor B-system
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conn 0
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Base B-component
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Connector I-component
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Flange B-module
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447 0
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TopConnector B-component
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ci 0
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Motor B-system
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" 0
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conn 0
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Base B-component
_ I-component
Connector I-component
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} 0
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```

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ci 0
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" 0
Fuselage B-system
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" 0
from 0
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conn 0
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FloorConnector3 B-component
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to 0
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ci 0
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: 0
" 0
Sensor B-module
_ 0
1 0
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" 0
to 0
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conn 0
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: 0
" 0
SensorConnector B-component
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} 0
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{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0
```

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" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector1 B-component
" 0
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" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Battery B-system
_ 0
1 0
" 0
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" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Bottom B-system
_ I-system
Connector I-system
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
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" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector5 B-component
" 0
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" 0
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to 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
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3 0
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" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
} 0
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{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
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" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector6 B-component
" 0
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" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
4 0
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" 0
to 0
```

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_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
} 0
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" 0
from 0
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ci 0
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" 0
Fuselage B-system
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from 0
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conn 0
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" 0
BottomConnector B-component
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to 0
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ci 0
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" 0
MainHub B-module
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to 0
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conn 0
" 0
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" 0
Top B-component
_ I-component
Connector I-component
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} 0
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{ 0
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```

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from 0
_ 0
ci 0
" 0
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" 0
Fuselage B-system
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" 0
from 0
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conn 0
" 0
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" 0
FloorConnector4 B-component
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" 0
to 0
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ci 0
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" 0
Sensor B-module
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" 0
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conn 0
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" 0
SensorConnector B-component
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" 0
from 0
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ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
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" 0
from 0
```

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_ 0
conn 0
" 0
: 0
" 0
FloorConnector7 B-component
" 0
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" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
5 0
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conn 0
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SensorConnector B-component
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from 0
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ci 0
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" 0
Fuselage B-system
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from 0
_ 0
conn 0
" 0
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" 0
FloorConnector8 B-component
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" 0
to 0
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ci 0
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```

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" 0
Sensor B-module
_ 0
6 0
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conn 0
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" 0
SensorConnector B-component
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ci 0
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MainHub B-module
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from 0
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conn 0
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" 0
Side B-component
_ I-component
Connector I-component
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to 0
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ci 0
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RotatedArm B-component
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443 0
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2 0
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conn 0
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" 0
BaseConnection B-component
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MainHub B-module
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conn 0
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Side B-component
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Connector I-component
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Arm B-system
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BaseConnection B-component
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MainHub B-module
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Side B-component
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Connector I-component
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Arm B-system
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conn 0
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BaseConnection B-component
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MainHub B-module
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Side B-component
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Connector I-component
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Arm B-system
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BaseConnection B-component
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MainHub B-module
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Side B-component
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Connector I-component
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RotatedArm B-component
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BaseConnection B-component
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MainHub B-module
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Connector I-component
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Arm B-system
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BaseConnection B-component
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MainHub B-module
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Bottom B-system
_ I-system
Connector I-system
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CargoCase B-module
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conn 0
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Case2HubConnector B-component
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Motor B-system
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Prop B-component
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Connector I-component
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Propeller B-system
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Prop B-component
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Connector I-component
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Propeller B-system
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CONNECTOR I-component
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Motor B-system
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Prop B-component
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Connector I-component
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CONNECTOR I-component
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Motor B-system
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Prop B-component
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Connector I-component
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Propeller B-system
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MOTOR B-component
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CONNECTOR I-component
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Orient B-module
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conn 0
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ORIENTCONN B-component
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ci 0
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MainHub B-module
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Orient B-component
_ I-component
Connector I-component
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from 0
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ci 0
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RotatedArm B-component
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443 0
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" 0
from 0
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conn 0
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EndConnection B-component
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Bend B-module
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conn 0
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Side B-component
_ I-component
Connector I-component
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" 0
from 0
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ci 0
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RotatedArm B-component
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443 0
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conn 0
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" 0
EndConnection B-component
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to 0
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ci 0
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" 0
Bend B-module
_ 0
```

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conn 0
" 0
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Side B-component
_ I-component
Connector I-component
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} 0
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" 0
from 0
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RotatedArm B-component
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444 0
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1 0
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conn 0
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EndConnection B-component
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to 0
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ci 0
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" 0
Bend B-module
_ 0
3 0
" 0
, 0

" 0
to 0
_ 0
conn 0
```

```
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
1 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
RotatedArm B-component
_ 0
444 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
6 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
1 0
```

```
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
445 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
```

```
: 0
" 0
Flange B-module
_ 0
445 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
2 0
" 0
, 0

" 0
from 0
```

```
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
5 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
```

```
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
446 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
```



```
: 0
" 0
Arm B-system
_ 0
1318 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
446 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1318 0
_ 0
2 0
" 0
, 0
```

```
" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
, 0
```

```
{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
447 0
_ 0
1 0
" 0
, 0
```

```
" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SideConnector B-component
" 0
, 0
```

```
" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1319 0
_ 0
1 0
" 0
, 0
```

```
" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
EndConnection B-component
" 0
} 0
```

, 0

{ 0

" 0

from 0

_ 0

ci 0

" 0

: 0

" 0

Flange B-module

_ 0

447 0

_ 0

2 0

" 0

, 0

" 0

from 0

_ 0

conn 0

" 0

: 0

" 0

SideConnector B-component

" 0

, 0

" 0

to 0

_ 0

ci 0

" 0

: 0

" 0

Arm B-system

_ 0

1319 0

_ 0

2 0

" 0

, 0

" 0

to 0

_ 0

conn 0

" 0

: 0

" 0

EndConnection B-component

" 0

} 0

, 0

{ 0

" 0

from 0

_ 0

ci 0

" 0

: 0

" 0

Motor B-system

_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0

" 0
: 0
" 0

MotorPower B-module

" 0
, 0

" 0
to 0
_ 0
ci 0

" 0
: 0
" 0

BatteryController B-control

_ 0
803 0

_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0

" 0
: 0
" 0

MotorPower B-module

" 0
} 0
, 0

{ 0
" 0
from 0
_ 0

ci 0
" 0
: 0
" 0

Motor B-system

_ 0
4 0
" 0
, 0

" 0
from 0
_ 0
conn 0

" 0
: 0

```
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
```

BatteryController B-control

_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0

MotorPower B-module

" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0

Motor B-system

_ 0
6 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0

MotorPower B-module

" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0

BatteryController B-control

_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0

```
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
5 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
```

```
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
3 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
MotorPower B-module
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
BatteryController B-control
_ 0
803 0
_ 0
1 0
" 0
, 0
```



```
" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BatteryPower B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Battery B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
PowerBus B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
, 0

" 0
```

```
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
RotatedArm B-component
_ 0
444 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
```

```
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
3 0
" 0
, 0

" 0
to 0
_ 0
conn 0
```

```
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1317 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
4 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
```

```
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
RotatedArm B-component
_ 0
444 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
5 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
```

```
ci 0
" 0
: 0
" 0
Arm B-system
_ 0
1316 0
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
BaseConnection B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Bend B-module
_ 0
6 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
Side B-component
_ I-component
Connector I-component
_ 0
2 0
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Cargo B-system
" 0
, 0
```

```
" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
CargoConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
CargoCase B-module
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
CargoConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Base B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
```

```
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
445 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
TopConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Base B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
445 0
_ 0
2 0
" 0
```



```
, 0
" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
TopConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
3 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Base B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
446 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
TopConnector B-component
```

```
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
6 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Base B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
446 0
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
TopConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
```

```
: 0
" 0
Motor B-system
_ 0
4 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Base B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
447 0
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
TopConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Motor B-system
_ 0
5 0
" 0
, 0

" 0
from 0
```

```
_ 0
conn 0
" 0
: 0
" 0
Base B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Flange B-module
_ 0
447 0
_ 0
2 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
TopConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
, 0

" 0
```

```
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector3 B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Battery B-system
_ 0
1 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
Bottom B-system
_ I-system
Connector I-system
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0
```

```
" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector1 B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
3 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector5 B-component
" 0
} 0
, 0

{ 0
" 0
```

```
from 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
4 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector6 B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
MainHub B-module
_ 0
1 0
" 0
, 0

" 0
from 0
```

```
_ 0
conn 0
" 0
: 0
" 0
Top B-component
_ I-component
Connector I-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
BottomConnector B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
2 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
, 0

" 0
to 0
_ 0
```



```
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector4 B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
5 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
```

```
" 0
: 0
" 0
FloorConnector7 B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
: 0
" 0
Sensor B-module
_ 0
6 0
" 0
, 0

" 0
from 0
_ 0
conn 0
" 0
: 0
" 0
SensorConnector B-component
" 0
, 0

" 0
to 0
_ 0
ci 0
" 0
: 0
" 0
Fuselage B-system
_ 0
1 0
" 0
, 0

" 0
to 0
_ 0
conn 0
" 0
: 0
" 0
FloorConnector8 B-component
" 0
} 0
, 0

{ 0
" 0
from 0
_ 0
ci 0
" 0
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