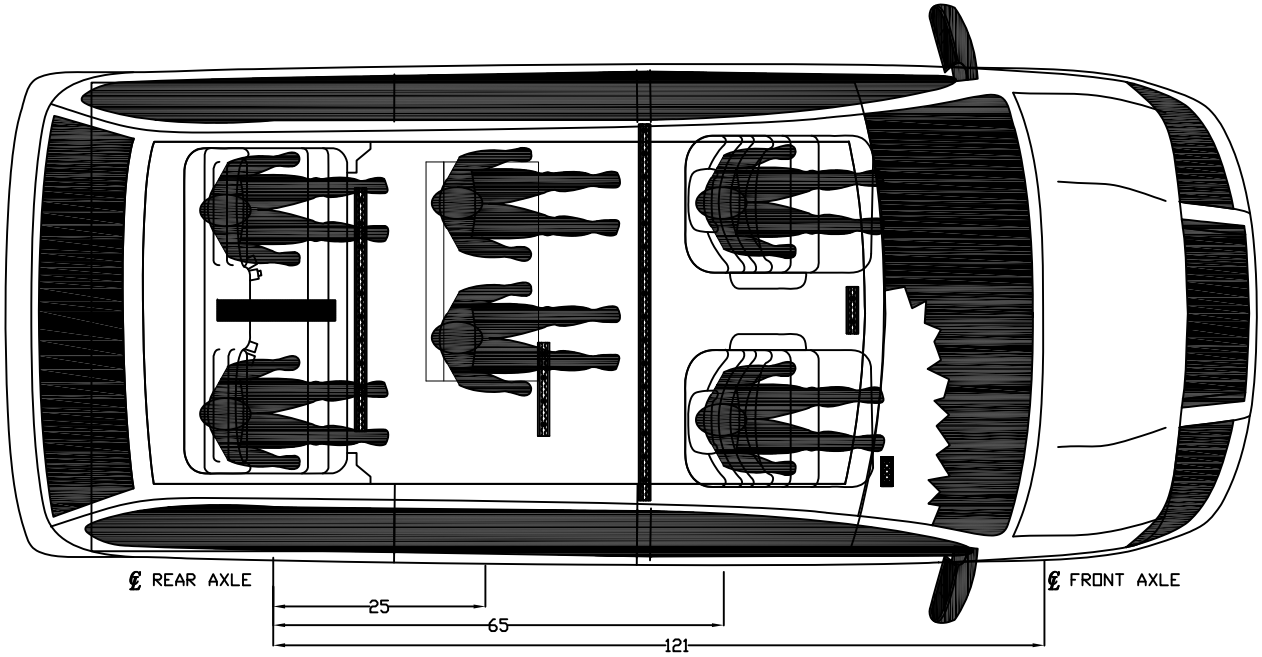
Type 2

TP 204

SEATING OPTION : (5) AMBULATORY PASSENGERS, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$

$300(65) + 300(25) + 2622(121) - F_{YF}(121) = 0$

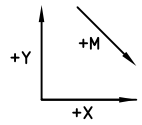
$F_{YF} = 2845\#$

$\Sigma F_Y = 0$

$150(6) + 2622 + 2252 - 2845 - F_{YR} = 0$

$F_{YR} = 2929\#$

REQUIRED CAPACITIES
LOADED GVW = 5774#
LOADED GAW FRONT = 2845#
LOADED GAW REAR = 2929#



NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
OEM GVWR = 6050#
OEM FRONT GAWR = 2950#
OEM REAR GAWR = 3100#

MODIFIED EMPTY WEIGHTS (INCLUDES 2ND ROW FLIP SEAT)
TOTAL VEHICLE = 4874#
FRONT AXLE = 2622#
REAR AXLE = 2252#

WHEEL BASE = 121"
AMBULATORY PASSENGER = 150#
MOBILITY AID PASSENGER = 250#
REMOVABLE FRONT PASSENGER SEAT = 100#

NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
(ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)
WEIGHTS FROM VIN #2C7WDGBG8KR756530

REQ. BY	LET.	REVISION	ECN NO.	REV. BY	DATE

DESIGN/APPR. MDL
DRAWN PJF
DETAIL CHK.
SCALE 1"=32"
DATE 11/19/19

TOLERANCES:
(UNLESS OTHERWISE SPECIFIED)
DECIMAL DIMENSIONS: .XXX = ±.010
.XX = ±.030
.X = ±.060
FRACTIONAL DIMENSIONS = ±1/32
ANGULAR DIMENSIONS = ±1°
NOTE: DEBURR ALL SHARP CORNERS

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Winamac, Indiana 46996

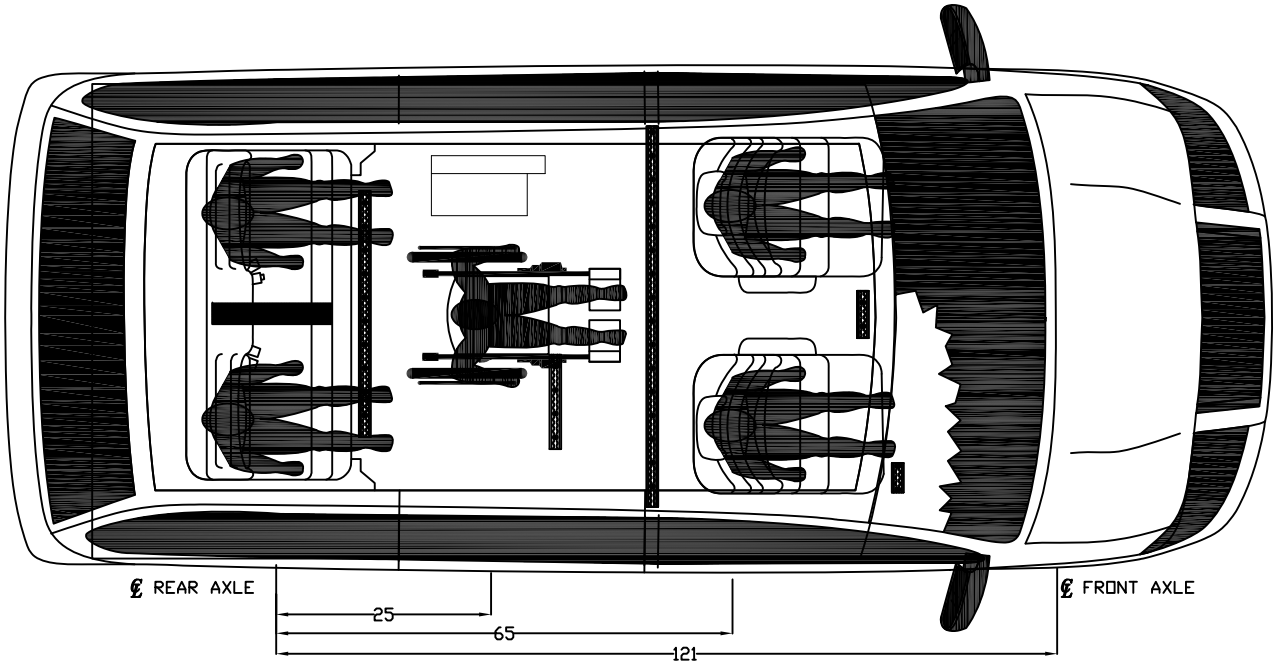
BRAUN RT ADA SE - I3 2019

P/N 509725

Type 2

TP 204A

SEATING OPTION : (3) AMBULATORY PASSENGERS, (1) MOBILITY AID PASSENGERS, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$

$300(65) + 250(25) + 2622(121) - F_{YF}(121) = 0$

$F_{YF} = 2835\#$

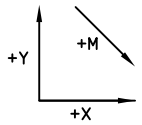
$\Sigma F_Y = 0$

$150(4) + 250(1) + 2252 + 2622 - 2835 - F_{YR} = 0$

$F_{YR} = 2889$

REQUIRED CAPACITIES
LOADED GVW = 5724#
LOADED GAW FRONT = 2835#
LOADED GAW REAR = 2889#

LOADING EXCEEDS GVWR



NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
OEM GVWR = 6050#
OEM FRONT GAWR = 2950#
OEM REAR GAWR = 3100#

MODIFIED EMPTY WEIGHTS
TOTAL VEHICLE = 4874#
FRONT AXLE = 2622#
REAR AXLE = 2252#

WHEEL BASE = 121"
AMBULATORY PASSENGER = 150#
MOBILITY AID PASSENGER = 250#
REMOVABLE FRONT PASSENGER SEAT = 100#

NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
(ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)
WEIGHTS FROM VIN #2C7WDGBG8KR756530

REQ. BY	LET.	REVISION	ECN NO.	REV. BY	DATE

DESIGN/APPR. CML
DRAWN PJF
DETAIL CHK.
SCALE 1"=32"
DATE 11/13/19

TOLERANCES:
(UNLESS OTHERWISE SPECIFIED)
DECIMAL DIMENSIONS: .XXX = ±.010
.XX = ±.030
.X = ±.060
FRACTIONAL DIMENSIONS = ±1/32
ANGULAR DIMENSIONS = ±1°
NOTE: DEBURR ALL SHARP CORNERS

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