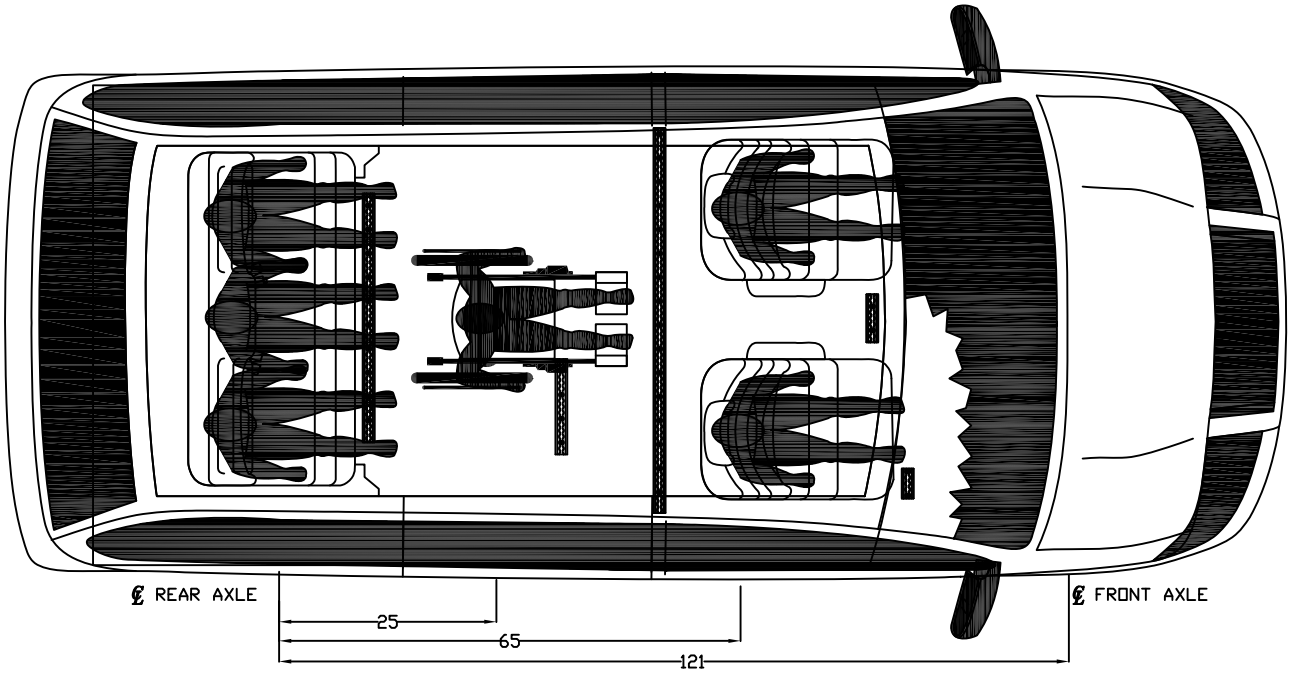
Type 1

TP 198A

(4) AMBULATORY PASSENGERS, (1) MOBILITY AID PASSENGERS, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$

$300(65) + 250(25) + 2574(121) - F_{YF}(121) = 0$

$F_{YF} = 2787\#$

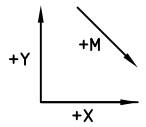
$\Sigma F_Y = 0$

$150(5) + 250(1) + 2574 + 2114 - 2787 - F_{YR} = 0$

$F_{YR} = 2901$

REQUIRED CAPACITIES
LOADED GVW = 5688#
LOADED GAW FRONT = 2787#
LOADED GAW REAR = 2901#

LOADING EXCEEDS GVWR



NOTES / DEFINED VARIABLES

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

MODIFIED EMPTY WEIGHTS
TOTAL VEHICLE = 4688#
FRONT AXLE = 2574#
REAR AXLE = 2114#

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 #2C7WDGBGXKR605754

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

DESIGN/APPR. CML
DRAWN PJF
DETAIL CHK.
SCALE 1"=32"
DATE 12/12/19

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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The Braun Corporation
Winamac, Indiana 46996

BRAUN RT E3 2019

P/N 509932