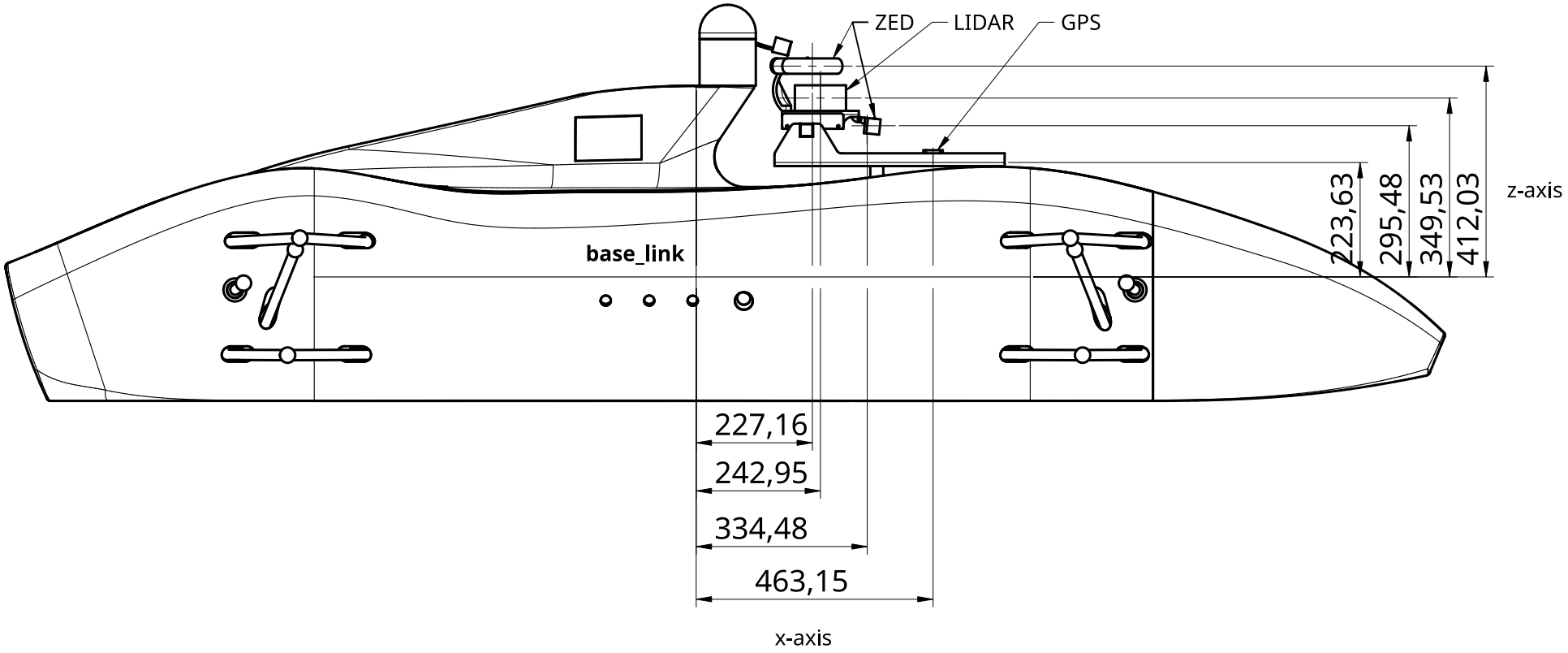
In order to obtain the center of mass of the ADS-DV, the chassis of the vehicle is assumed to be using **carbon fibre** with an average density of **1900 kg/m3.**

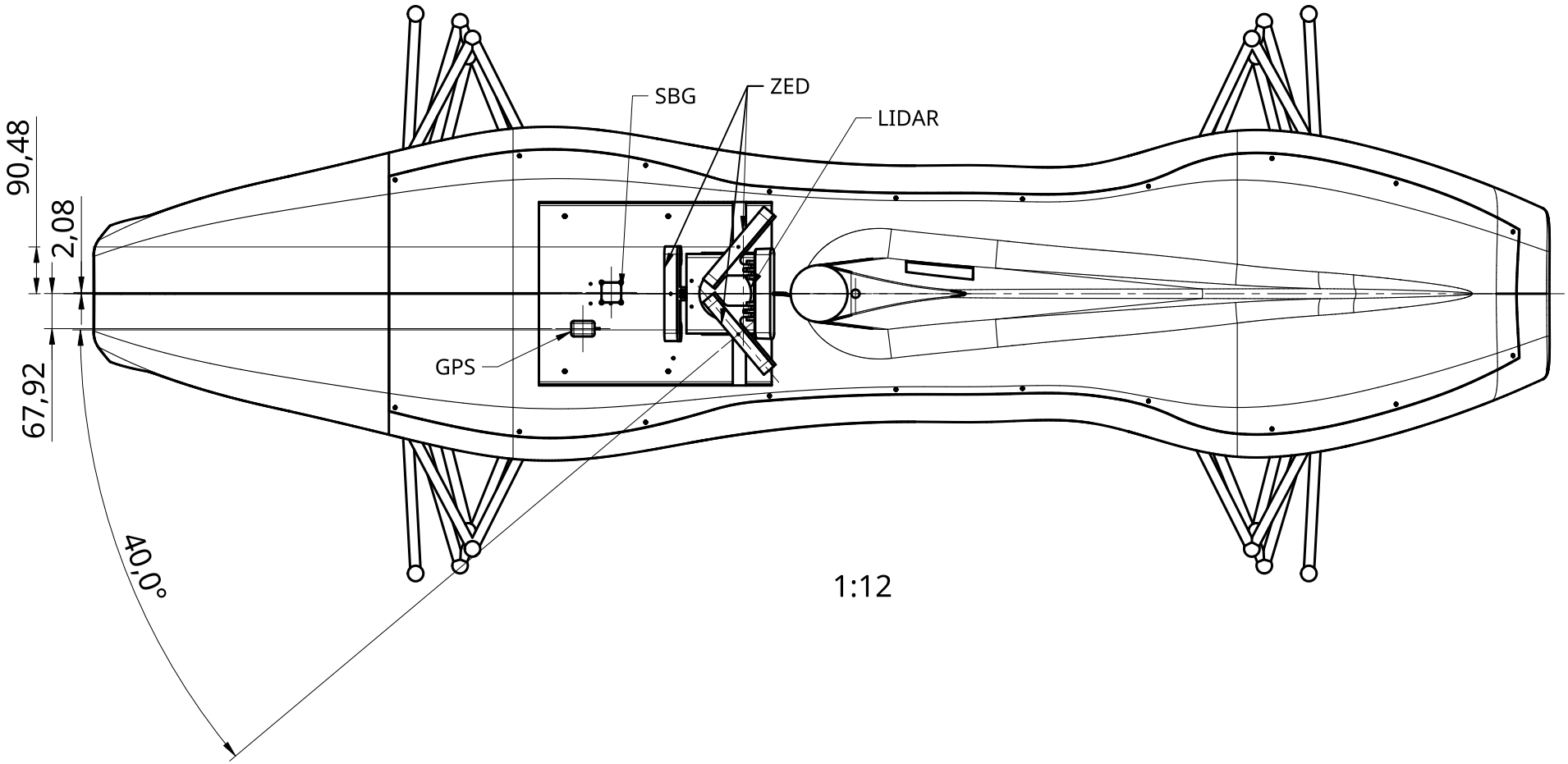


		NAME	SIGNATURE	DATE
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS	DRAWN	KHALID HERSAFRIL		2022-06-08
ANGULAR = ± °	CHECKED	KHALID HERSAFRIL		
SURFACE FINISH	APPROVED			
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
FIRST ANGLE PROJECTION	MATERIAL		FINISH	

TITLE: Sensor position from base_link

SIZE	DWG NO.	REV.
A4	01	

SCALE	WEIGHT	SHEET
1:12		1 of 1



1:12

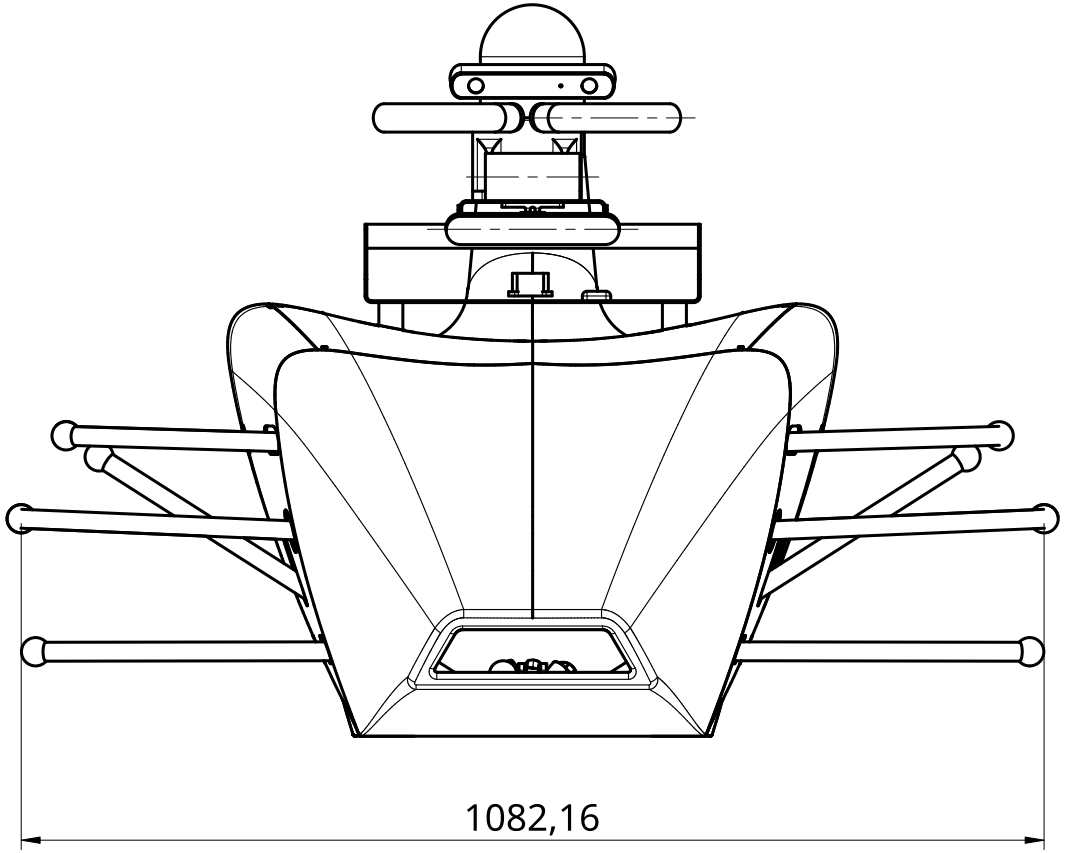
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS		NAME	SIGNATURE	DATE
ANGULAR = ± °	DRAWN	KHALID HERSAFRIL		2022-06-04
SURFACE FINISH	CHECKED	KHALID HERSAFRIL		
	APPROVED			
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
FIRST ANGLE PROJECTION	MATERIAL		FINISH	

TITLE

Sensor Placement from base_link

SIZE	DWG NO.	REV.
A4	02	

SCALE	WEIGHT	SHEET
1:20		1 of 1



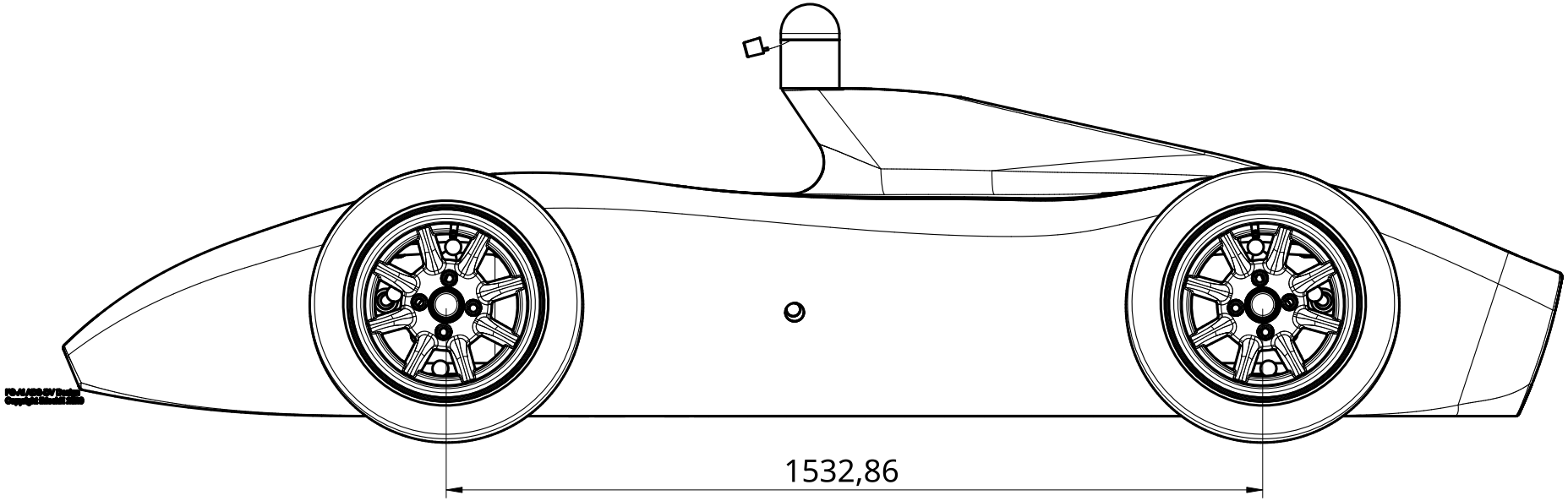
		NAME	SIGNATURE	DATE
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS	DRAWN	KHALID HERSAFRIL		2022-06-04
ANGULAR = ± °	CHECKED	KHALID HERSAFRIL		
SURFACE FINISH	APPROVED			
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
FIRST ANGLE PROJECTION	MATERIAL		FINISH	

TITLE

ADS-DV Chassis Width

SIZE	DWG NO.	REV.
A4	03	

SCALE	WEIGHT	SHEET
1:8		1 of 1



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS		NAME	SIGNATURE	DATE
ANGULAR = ± °	DRAWN	KHALID HERSAFRIL		2022-06-04
SURFACE FINISH	CHECKED	KHALID HERSAFRIL		
	APPROVED			
DO NOT SCALE DRAWING				
BREAK ALL SHARP EDGES AND REMOVE BURRS				
FIRST ANGLE PROJECTION	MATERIAL		FINISH	

TITLE

ADS-DV Base Width

SIZE	DWG NO.	REV.
A4	04	

SCALE	WEIGHT	SHEET
1:12		1 of 1