

Mercedes-Benz Research & Development North America, Inc. A Dalmier Company

December 17, 2015

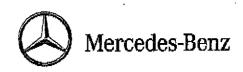
DEPARTMENT OF MOTOR VEHICLES HENRY BARBER, MANAGER LICENSING OPERATIONS DIVISION P.O. BOX 932345 SACRAMENTO, CA 94232-3450

Mercedes Benz Research & Development North America, Inc. hereby provides the first annual report on disengagements pursuant to California Code of Regulations title 13, article 3.7, section §227.46 for the period of September 16th 2014 to November 30th 2015.

Regards,

Heiko Kraft Director

Autonomous Driving



Mercedes-Benz Research & Development North America, Inc. A Daimler Company

Disengagements of Autonomous Vehicle System

9162294731

Report period Sep 16, 2014 - Nov 30, 2015

VEHICLE 1 WDD2221851A001072	miles driven in eutonomous mode	total number of disengagements	number of automatic disengagements	time (s)	number of manual disengagements
September 2014	107.65	44	24	0.68	20
October 2014	227,03	228	103	0.95	125
November 2014	365.30	141	67	1.71	74
Decamber 2014	42.81	36	15	0.76	21
January 2015	29,43	48	18	0.42	30
February 2015	38.90	16	8	0.50	B
March 2015	18.30	39	31	0,89	8
April 2015	47.00	72	51	0.82	21
May 2015	55,10	34	11	0.58	23
June 2015	171.63	127	61	1.02	6 6
July 2015	118.82	69	30	1.12	39
August 2015	22,17	24	13	1.31	11
September 2015	19.72	50	23	1.14	27
October 2015	29,59	17	5	0.83	12
November 2015	43.50	22	§ 1	0.40	11
total	1336.95	967	471	0.87	496

VEHICLE 2 WDD2221851 A000495	ni nevhb sejim ebom suomonojus	•—•		average reaction time (a)	disengagements
October 2014	60.97	16	12	0.72	4
November 2014	341.16	48	19	0.79	29
november zvim	402.13	64	31	0.75	38

YEHICLE 3

only driven on proving ground WODHHOJB7EA926879

VEHICLE 4

only driven on proving ground WDF44781313024459

VEHICLE 5

only driven on proving ground WDF44781313024388

> Mercedes-Benz Research & Development North America, Inc. 309 N. Pastoria Ave. Sunnyvale, CA 94085 Phone 1 408 991 6200 www.mbrdna.com

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September 2014

vehicle: WDD2221851A001072

miles driven in autonomous mode:	107.65
average reaction time:	0.68
total amount of disengagements	44
manual disengagements	20
automatic disengagements	24

				cause for disengagement
location	weather	type of trigger	reaction time	technology evaluation management
urban street	clear	automatic	0.58	technology evaluation management
urban street	clear	automatic	0.66	
urban street	clear	automatic	1.93	technology evaluation management
urban street	clear	automatic	0.65	technology evaluation management
urban street	clear	automatic	0.64	technology evaluation management
urban street	clear	automatic	0.88	technology evaluation management
urban street	çlear	automatic	0.41	technology evaluation management
urban street	clear	automatic	1.45	technology evaluation management
urban street	clear	automatic	0.07	technology evaluation management
urban street	clear	automatic	0.37	technology evaluation management
urban street	clear	automatic	1.55	technology evaluation management
urban street	clear	automatic	0.04	technology evaluation management
urban street	clear	automatic	0.4	technology evaluation management
urban street	clear	automatic	1.85	technology evaluation management
urban street	clear	automatic	0.21	technology evaluation management
urban street	clear	automátic	0.51	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	çlear	automatic	0.38	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.22	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	1.38	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.44	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.04	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	1.35	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
บrban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manuai		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.35	technology evaluation management
BINGII GUOOL	wie wit			-

October 2014

vehicle: WDD2221851A001072

miles driven in autonomous mode:	227.03
average reaction time:	0.95
total amount of disengagements	228
manual disengagements	125
automatic disengagements	103

location	weather	type of trigger	reaction time	cause for disengagement
urban street	clear	automatic	1.03	technology evaluation management
urban street	clear	automatic	1.12	technology evaluation management
urban street	clear	automatic	0.42	technology evaluation management
urban street	clear	automatic	0.13	technology evaluation management
urban street	clear	automatic	0.16	technology evaluation management
urban street	clear	manua!		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.17	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.21	technology evaluation management
urban street	olear	manual		driver was uncomfortable
urban street	clear	automatic	1.05	technology evaluation management
urban street	clear	automatic	0.87	technology evaluation management
urban street	clear	manual	•	driver was uncomfortable
urban street	clear	automatic	0.57	technology evaluation management
urban street	clear	manual	*	driver was uncomfortable
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	automatic	0.56	technology evaluation management
urban street	clear	manual	W. L. W.	driver was uncomfortable
urban street	clear	automatic	0.97	technology evaluation management
urban street	clear	manual	4.4 .	driver was uncomfortable
urban street	clear	automatic	0.49	technology evaluation management
urban street	clear	automatic	0.49	technology evaluation management
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	manual	•.m•	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.9	technology evaluation management
urban street	clear	manual	4.5	driver was uncomfortable
urban street	clear	automatic	0.94	technology evaluation management
urban street	clear	automatic	2.82	technology evaluation management
***	clear	automatic	2:68	technology evaluation management
urban street urban street	clear	automatic	0.97	technology evaluation management
urban street	clear	manual	4101	driver was uncomfortable
	clear	automatic	2.94	technology evaluation management
urban street	clear	manual	L. 0-	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.74	technology evaluation management
urban street		manual	U.74	driver was uncomfortable
urban street	clear	automatic	0.92	technology evaluation management
urban street	clear	manual	0.32	driver was uncomfortable
urban street	ciear	manual		driver was uncomfortable
urban street	çlear clear	manuai manuai		driver was uncomfortable
urban street	clear	automatic	0.74	technology evaluation management
urban street	clear	automatic	0.56	technology evaluation management
urban street	clear	automatic	0	technology evaluation management
urban street	cieai	diffornanc	v	PARTICIANA ALMINERAL HERIOGRAFIA

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urban street	olear	manual		driver was uncomfortable
urban street	clear	automatic	0.2	technology evaluation management technology evaluation management
urban street	clear	automatic	1.29	driver was uncomfortable
urban street	çlear	manual		technology evaluation management
urban street	clear	automatic	3.31	driver was uncomfortable
urban street	clear	manual	٠	driver was uncomfortable
urban street	clear	manual		technology evaluation management
urban street	clear	automatic	1.21	technology evaluation management
urban street	clear	automatic	0.76	driver was uncomfortable
urban street	clear	manual	4.00	technology evaluation management
urban street	clear	automatic	1.82	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	0.07	technology evaluation management
urban street	clear	automatic	0.87	driver was uncomfortable
urban street	clear	manual	n 07	technology evaluation management
urban street	clear	automatic	0.37	technology evaluation management
urban street	clear	automatic	1.33	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	1.65	technology evaluation management
urban street	clear	automatic	1.00	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual manual		driver was uncomfortable
urban street	clear	manual automatic	1	technology evaluation management
urban street	clear	manual	,	driver was uncomfortable
urban street	clear çlear	automatic	0.25	technology evaluation management
urban street	clear	manual	OILD	driver was uncomfortable
urban street	clear	automatic	0.95	technology evaluation management
urban street urban street	clear	automatic	0.21	technology evaluation management
urban street	clear	manual		construction zone
urban street	olear	manual		driver was uncomfortable
urban street	clear	manual .		driver was uncomfortable
urban street	clear	automatic	1.03	technology evaluation management
urban street	clear	automatic	0.22	technology evaluation management
urban street	clear	automatic	0.22	technology evaluation management
urban street	clear	automatic	0.36	technology evaluation management
urban street	clear	automatic	0.35	technology evaluation management
urban street	clear	automatic	0.59	construction zone
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		construction zone
urban street	clear	manual		driver was uncomfortable
urban street	çlear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	çiear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	Q.35	construction zone
urban street	clear	manual .		driver was uncomfortable
urban street.	clear	automatic	0.23	technology evaluation management
urban street	clear	automatic	1.25	technology evaluation management
urban street	olear	automatic	0.28	technology evaluation management driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	. n. 4	technology evaluation management
urban street	clear	automatic	0.4 0.21	technology evaluation management
urban street	çlear	automatic	U.ZI	driver was uncomfortable
urban street	clear	manual automatic	0.66	technology evaluation management
urban street	clear	abiomatic manual	Q,QQ	driver was uncomfortable
urban street	clear	manuai manual		driver was uncomfortable
urban street	clear	automatic	0.21	technology evaluation management
urban street	CIERL	aniomano	Thim i	empty take with the contract of the contract o

DMV OL

urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	olear	automatic	8.0	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.35	technology evaluation management
urban street	clear	automatic	0.12	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.18	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.21	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	çlear	manual		driver was uncomfortable
	clear	manual		driver was uncomfortable
urban street	clear	manual	•	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	1.06	technology evaluation management
urban street		automatic	0.75	technology evaluation management
urban street	clear	automatic	0.79	technology evaluation management
urban street	clear	manual	0.10	driver was uncomfortable
urban street	çlear 	automatic	0.41	technology evaluation management
urban street	clear	_	V.+1	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	,	driver was uncomfortable
urban street	clear	manuel		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	0.0	technology evaluation management
urban street	clear	automatic	0.8	technology evaluation management
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	automatic	1.25	technology evaluation management
urban street	clear	automatic	0.67	technology evaluation management
urban street	clear	automatic	0.99	technology evaluation management
urban street	clear	automatic	0.54	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	5.00	technology evaluation management
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	automatic	0.42	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manuai		
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	olear	automatic	0.27	technology evaluation management
urban street	oleár	automatic	0,21	technology evaluation management
urban street	olear	automatic	0.74	technology evaluation management
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	manual _.		driver was uncomfortable
urban street	clear	automatic	0.33	technology evaluation management
urban street	clear	automatic	0.64	technology evaluation management
urban street	clear	automatic	0.9	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
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urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	automatic	0.03	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	çlear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0	technology evaluation management
urban street	clear	automatic	0.01	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	çlear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.01	technology evaluation management
urban street	clear	automatic	0.42	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.5	technology evaluation management
urban street	clear	automatic	0.62	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.33	technology evaluation management
urban street	clear	manual	0.40	driver was uncomfortable
urban street	clear	automatic	0.13	technology evaluation management technology evaluation management
urban street	clear	automatic	0.33	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	0.57	technology evaluation management
urban street	clear	automatic	u.67	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	çlear	manual manual		driver was uncomfortable
urban street	clear	automatic	0.34	technology evaluation management
urban street	clear	manual	µ.u→	driver was uncomfortable
urban street	clear olear	automatic	0.74	technology evaluation management
urban street	clear	automatic	0.52	technology evaluation management
urban street	ciear	automatic	0.15	technology evaluation management
urban street	clear	manual	April 8 der	driver was uncomfortable
urban street urban street	clear	. manual		driver was uncomfortable
urban street	clear	manuai		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.72	technology evaluation management
urban street	clear	automatic	0.3	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	1.14	technology evaluation management
urban street	clear	automatic	0.68	technology evaluation management
urban street	olear	automatic	0.06	technology evaluation management
urban street	clear	manual	÷	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable

November 2014

vehicle: WDD2221851A001072

miles driven in autonomous mode:		365.30
average reaction time:	2.5	1.71
total amount of disengagements		141
manual disengagements		74
automatic disengagements		6 7

location	weather	type of trigger	reaction time	cause for disengagement
urban street	clear	manual	·	driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.99	technology evaluation management
urban street	clear	automatic	0.43	technology evaluation management
urban street	clear	automatic	0.71	technology evaluation management
urban street	clear	menual		driver was uncomfortable
urban street	clear	automatic	0.3	technology evaluation management
urban street	clear	automatic	0.25	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.35	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	olear	automatic	2.47	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	1.13	technology evaluation management
urban street	clear	automatic	0.56	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	cłear	manual		driver was uncomfortable
urban street	olear	automatic	1.19	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	çlear	automatic	0.56	technology evaluation management
urban street	clear	automatic	0.79	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	2.69	technology evaluation management
urban street	clear	automatic	1.38	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	_ +=	driver was uncomfortable
urban street	clear	automatic	2.63	technology evaluation management
urban street	clear	automatic	4.84	technology evaluation management driver was uncomfortable
urban street	clear	manual		
urban street	olear	manual	A AF	driver was uncomfortable
urban street	clear	automatic	0.25	technology evaluation management technology evaluation management
urban street	clear	automatic	1.76	technology evaluation management
urban street	clear 	automatic	0.88 1.45	technology evaluation management
urban street	dear	automatic	1.40	realingingly or alliabout management

urban street	clear	manual		driver was uncomfortable
urban street	clear	manuat		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.41	technology evaluation management
urban street	clear	manuai		driver was uncomfortable
urban street	çlear	manual		driver was uncomfortable
urban street	clear	automatic	0.29	technology evaluation management
urban street	clear	automatic	0.29	technology evaluation management
highway	clear	automatic	1.48	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		twilight
urban street	clear	manual		driver was uncomfortable
urban street	clear	manuai		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.34	technology evaluation management
urban street	clear	automatic	3.79	technology evaluation management
urban street	çlear	automatic	0.07	sunglare
urban street	clear	manual		driver was uncomfortable
urban street	clear	m a nual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manua!		driver was uncomfortable
urban street	clear	manual	0.40	driver was uncomfortable
urban street	clear	automatic	0.12	technology evaluation management
urban street	clear	automatic	26	technology evaluation management driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual	•	driver was uncomfortable
urban street	clear	manual	0.11	technology evaluation management
urban street	clear	automatic	0.22	technology evaluation management
urban street	clear	automatic	0.62	technology evaluation management
urban street	clear	automatic automatic	3.58	technology evaluation management
urban street	clear	manual	3.00	construction zone
urban street	clear clear	manual		construction zone
urban street urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.33	technology evaluation management
urban street	clear	gutomatic	3.08	technology evaluation management
urban street	clear	automatic	0.44	technology evaluation management
urban street	clear	automatic	0.28	technology evaluation management
urban street	clear	automatic	4.05	technology evaluation management
urban street	clear	automatic	1.38	technology evaluation management
urban street	clear	automatic	1.37	technology evaluation management
urban street	clear	automatic	0.34	technology evaluation management
urban street	clear	automatic	0.52	technology evaluation management
urban street	clear	automatic	0.62	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.48	technology evaluation management
urban street	clear	automatic	8.0	technology evaluation management
urban street	clear	automatic	0.27	technology evaluation management
urban street	clear	manual		driver was uncomfortable
urban street	clear	manual		driver was uncomfortable
urban street	clear	automatic	0.32	technology evaluation management
urban street	clear	manual		driver was uncomfortable driver was uncomfortable
urban street	clear 	manual	0.46	technology evaluation management
urban street	clear	automatic	0.16	driver was uncomfortable
urban street	cloudy	manual	1.35	technology evaluation management
urban street	cloudy	automatic manual	1,00	driver was uncomfortable
urban street	cloudy	THEOTHEO		gales has the and the gales and the gales

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urban street	cloudy	automatic	0.82	technology evaluation management
urban street	cloudy	, automatic	0.78	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0.68	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0.63	technology evaluation management
urban street	cloudy	automatic	0.5	technology evaluation management
urban street	cloudy	automatic	0.63	technology evaluation management
urban street	cloudy	automatic	1.06	technology evaluation management
urban street	cloudy	automatic	1.92	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
บrban street	cloudy	automatic	3.55	technology evaluation management
urban street	cloudy	automatic	0.63	technology evaluation management
urban street	cloudy	automatic	0.72	technology evaluation management
urban street	cloudy	automatic	0.2	technology evaluation management
urban street	cloudy	automatic	0.37	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	rainy	manual		rain
urban street	rainy	manual		rain
urban street	rainy	manual		driver was uncomfortable
urban street	cloudy	automatic	1,12	technology evaluation management
urban street	cloudy	automatic	0.5	technology evaluation management
urban street	cloudy	automatic	0.25	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manuai		driver was uncomfortable
urban street	cloudy	automatic	0.71	technology evaluation management

December 2014

vehicle: WDD2221851A001072

miles driven in autonomous mode:		42.81
average reaction time:		0.76
total amount of disengagements		36
manual disengagements	1	21
automatic disengagements		15

			reaction time	cause for disengagement
location	weather	type of trigger manual	reaction time	driver was uncomfortable
urban street	cloudy			driver was uncomfortable
urban street	cloudy	menual		driver was uncomfortable
urban street	cloudy	manual	0.33	technology evaluation management
urban street	cloudy	automatic	V.33	driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
highway	cloudy	manual	4.00	
urban street	cloudy	automatic	1.39	technology evaluation management
urban street	cloudy	manua)		driver was uncomfortable
highway	cloudy	manual	•	driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual	•	driver was uncomfortable
urban street	cioudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0,23	technology evaluation management
urban street	cloudy	automatic	0,32	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0.4	technology evaluation management
urban street	cloudy	automatic	0.37	technology evaluation management
urban street	cloudy	automatic	0.67	technology evaluation management
urban street	cloudy	automatic	1.54	technology evaluation management
urban street	cloudy	automatic	0.36	technology evaluation management
urban street	cloudy	automatic	0.56	technology evaluation management
urban street	cloudy	automatic	1.21	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	rain	manual		driver was uncomfortable
urban street	rain	automatic	0.45	rain
urban street	rain	manual		driver was uncomfortable
urban street	cloudy	automatic	0.95	technology evaluation management
urban street	cloudy	automatic	1.85	technology evaluation management
urban street	cloudy	automatic	0.43	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual	•	driver was uncomfortable
MINSH Sheer	CIDODA	manea		

DMV OL

vehicle: WDD2221851A001072

January 2015

miles driven in autonomous mode: 29.43 average reaction time: 0.42 total amount of disengagements 48 manual disengagements 30 automatic disengagements 18

location	weather	type of trigger	reaction time	cause for disengagement
highway	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0.58	technology evaluation management
urban street	cloudy	automatic	0.18	technology evaluation management
urban street	oloudy	manual		driver was uncomfortable
urban street	cloudy	manua		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manua)		driver was uncomfortable
urban street	cloudy	automatic	0.17	technology evaluation management
urban street	oloudy.	automatic	0.18	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
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urban street	cloudy	automatic	0.66	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
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urban street	cloudy	manual		driver was uncomfortable
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urban street	cloudy	automatic	0.75	technology evaluation management
urban street	cloudy	automatic	0.05	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0.04	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	manual		driver was uncomfortable
urban street	cloudy	automatic	0.23	technology evaluation management
urban street	cloudy	automatic	0.23	technology evaluation management
urban street	cloudy	automatic	0.27	technology evaluation management
urban street	cloudy	manual		construction zone
urban street	aloudy	manual		driver was uncomfortable
urban street	cloudy	manuai		driver was uncomfortable
urban street	cloudy	manua)		driver was uncomfortable
urban street	cloudy	automatic	0.53	technology evaluation management
urban street	cloudy	manual	_ 44	driver was uncomfortable
urban street	cloudy	automatic	0.37	technology evaluation management
urban street	cloudy	manual		driver was uncomfortable driver was uncomfortable
urban street	cloudy	manual	o ne	
urban street	cloudy	automatic	0.01	technology evaluation management technology evaluation management
urban street	cloudy	automatic	0.37	driver was uncomfortable
urban street	cloudy	manual	0.02	technology evaluation management
urban street	cloudy	automatic	U.V&	techniciogy evaluation management