AIRBUS

2, Rond-point Dewoitine
31703 Blagnac Cedex
France

FROM: Airport Operations
DATE: 19th of April 2019
REF: ME1911191
ISSUE: Issue 1.0

Subject: Airbus Aircraft Data for Visual Aids Calibration

Objective:

This document is aimed at providing aircraft data used for airport visual aids calibration (mainly PAPI, Precision Approach Path Indicator).

It shall be noted that the values at threshold can differ from the below values. The present values cannot be used for determining the approach minima category.

For any question, please contact airport operations department
airport.compatibility@airbus.com

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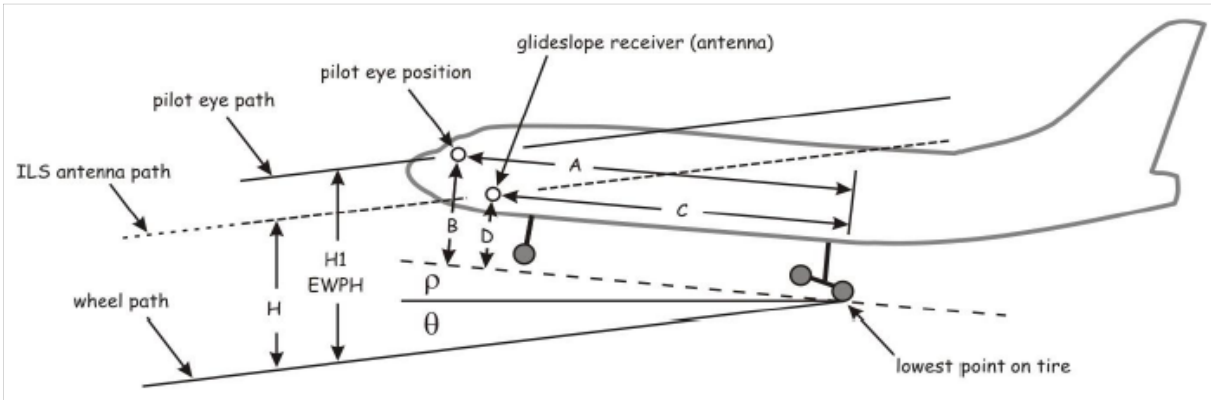

H is the ILS-beam-to-wheel-path height; EWPH or H1 is the eye-path-to-wheel-path height. H4 is the Pilot's eye above wheels height.

The values H, H1 and H4 are calculated from the following formulas:
H = D.cosρ + C.sinρ + [C.cosρ - D.sinρ] * tanθ
H1 = B.cosρ + A.sinρ + [A.cosρ - B.sinρ] * tanθ
H4 = B.cosρ + A.sinρ

Normal landing configuration is considered for calculations: Standard glidepath angle θ of 3 degrees, Maximum landing weight, V_{REF} + 5kts, Configuration Full, CG 30%.

Aircraft	H		H1		H4	
	(m)	(ft)	(m)	(ft)	(m)	(ft)
A318-100	4.67	15.3	6.52	21.4	5.86	19.2
A319-100	4.78	15.7	6.63	21.8	5.93	19.5
A320-200	5.00	16.4	6.84	22.5	6.06	19.9
A321-200	4.99	16.4	6.88	22.6	5.87	19.2
A300B4-200	6.39	21.0	9.18	30.1	8.00	26.3
A300-600R	6.51	21.3	9.29	30.5	8.12	26.6
A310-300	6.77	22.2	9.54	31.3	8.57	28.1
A330-200	7.85	25.8	10.63	34.9	9.22	30.3
A330-300	8.17	26.8	10.94	35.9	9.37	30.7
A340-200	7.95	26.1	10.73	35.2	9.26	30.4
A340-300	8.15	26.7	10.92	35.8	9.35	30.7
A340-500	6.29	20.6	10.93	35.9	9.24	30.3
A340-600	7.00	23.0	11.66	38.2	9.69	31.8
A350-900	8.09	26.6	10.72	35.2	9.10	29.8
A350-1000	7.52	24.7	11.41	37.4	9.71	31.9
A380-800	5.95	19.5	11.19	36.7	9.52	31.2

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