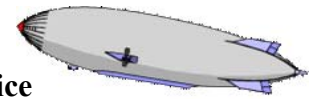


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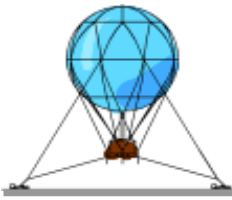
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Documents List

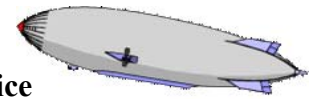
Documents available from contact or, **where highlighted**, by download from the website, as below:

- 1) Chapter 7 (Structures) of book, “Airship Technology”, Cambridge University Press, UK, 1999, ISBN 0-521-43074-7. 2nd ed. 2012 with SkyLifter input.
- 2) Report, “StratRaft – a Stratospheric LTA Aircraft”, Original: 3 Nov 2002, Rev B: 15 July 2016, 20 pages.
- 3) Seminar Document, “High Altitude Airship (HAA) Design and Handling Aspects”, 27 August 2003. Mainly about former large airship handling and mooring methods. Originally given in S Korea over 2 days (5 & 6 November 2002) to the Korea Aerospace Research Institute (KARI). Later, revised and extended for general publication: 123 pages.
- 4) Article, “New Classic Style Airships Proposal – *Luffship* Reasoning”, the Journal of the Airship Association, UK, No 140, June 2003. Original article: 1997. Rev D, 2 Jun 2015, 18 pages.
- 5) Paper, “AeroRaft - The Alternative Aircraft for Heavy Lift Transport or Crane Use”, AIAA ATIO Tech Forum, Denver, USA, No: AIAA-2003-6754, Nov 2003. Updated 9 May 2015, 14 pages.
- 6) Article, “AeroRaft – A Brief Insight”, the Journal of the Airship Association, UK, No 142, Dec 2003. Original article: 6 pages. Presentation material: 19 pages.
- 7) Paper, “Heavy Lift Aircraft – More than one way to skin a cat!” AERALL, France, Jan 2004, Updated 9 May 2015, 42 pages.
- 8) Paper, “Lighter-Than-Air High Altitude Feasibility Study”, 9 May 2004 (**published on www.hapcos.org**), 21 pages.
- 9) Article, “CargoLifter – a response (to the article ‘If I had my time again’, by Dr Carl von Gablenz)”, the Journal of the Airship Association, UK, No 144, June 2004, 5 pages.
- 10) Paper, “The CargoLifter CL 75 AirCrane”, the Airship Association’s 5th International Airship Convention & Exhibition, Oxford, UK, 19 – 22 August 2004. Paper: 71 pages. Amended 9 May 2015. Presentation material: 79 pages.
- 11) Outline Proposal, “Small Manned Airship Development”, 14 Nov 2004 (not published). Proposal: 53 pages. Presentation, “Airship 3000”, Nov 2004, (not published) 56 pages.
- 12) Presentation, “StratRaft – A Brief Outline”, Nov 2005, (not published), 15 pages.
- 13) Paper, “Aspects to consider for a Lighter-than-air High Altitude Platform Development in Europe”, 27 Nov 2005 (**published on www.hapcos.org**), 18 pages.
- 14) Article, “New Method of Airship Construction”, the Journal of the Airship Association, UK, No 150, Dec 2005, Revision 6 June 2015, 4 pages.
- 15) Leaflet, “10 Ton Payload Dirigible Balloon Concept – AeroLug”, revision 12 June 2015, 3 pages.
- 16) Report, “LTA Aircraft for Heavy Lift Logistics Operations”, 19 Aug 2007 For BAe Systems (not openly published) Updated 16 May 2015, 13 pages.
- 17) Paper, “Lighter-than-air (LTA) Aircraft Undercarriages – The Author’s Experience”, AIAA ATIO, Belfast, N Ireland, UK, No: AIAA-2007-7700, Sept 2007, Updated 11 May 2015, 21 pages.
- 18) Lecture, “Lighter-than-air (LTA) Aircraft Technology”, Airships to the Arctic IV Symposium, Winnipeg, Canada, Oct 2007, Revision: 30 May 2015, 46 pages.
- 19) Reports, on both the AIAA ATIO, Belfast, LTA and Airships to the Arctic IV conferences, published in the Journal of the Airship Association, UK, No 158, Dec 2007.



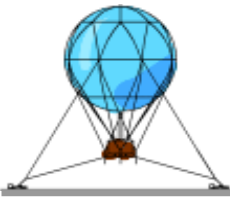
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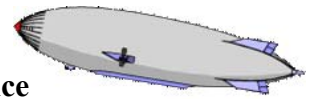
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- 20) Article, “Rigid, Semi-rigid or Non-rigid?” with addendum: “Need for Rigid Airships Today – Correspondence between Editor and Charles Luffman”, the Journal of the Airship Association, UK, No 160, June 2008. Revision: 5 June 2015, 7 pages.
- 21) Article A1, “Buoyancy and the Real Reason for Filling Airships With Gas”, Airship Heritage Trust journal No 55, Autumn 2008. Revised: 3 June 2014, published in the Airship Association journal, No 184, Summer 2014. Amended 9 May 2015, 3 pages.
- 22) Article, “A Dissertation on how Non-rigid Airships Ascend and Descend”, the Journal of the Airship Association, UK, No 164, June 2009. Amended: 10 May 2015, 17 pages.
- 23) Article, “*AeroRaft* or the like: A Serious Heavy Lift Aerial Crane & Transport Aircraft Design - Why hasn't it been done before?” For SkyLifter, 16 January 2010. Amended 3 May 2015, 5 pages.
- 24) Briefing, “An introduction to SkyLifter *Luffship* Projects”, originally just “SkyLifter Project”, published in the Journal of the Airship Association, UK, No 169, Sept 2010. For SkyLifter. Revision: 11 June 2015, 14 pages.
- 25) Report, “LTA Aircraft Certification”, an explanation of airworthiness authority certification requirements. For SkyLifter, 15 Sept 2010 (Not published) Rev A, 28 March 2016, 4 pages.
- 26) Paper, “*Luffship* Logistics and Carbon Footprint”. For SkyLifter, 24 July 2011, Updated 9 May 2015, 5 pages.
- 27) Paper, “Lenticular Airships - An Exposition”. For SkyLifter, 11 April 2012. Amended 7 May 2015, 16 pages.
- 28) Report, “Setup Steps for a New LTA Aircraft Company to Develop & Operate Large *Luffships*”. For SkyLifter, 16 May 2012 (Not openly published). Revised 29 May 2015, 14 pages.
- 29) Report, “LS-L150 SkyHoister Remote Site Aerial Crane Concept of Operations”. For SkyLifter, 19 May 2012 (Not openly published). Revised 27 June 2015, 4 pages.
- 30) Article, “Argument for Development of an LTA Aerial Crane”. For SkyLifter, 27 May 2012, Updated 9 May 2015, 8 pages.
- 31) Dissertation, “Buoyancy and Load Exchange for Transport Airships”. For SkyLifter, 15 June 2012 (not openly published). Amended 21 May 2015, 19 pages.
- 32) Article, “The Gloster Story – A tale about two airships that were one”, 2013. Airship Heritage Trust journal No 70 (Autumn edition), Amended 10 May 2015, 8 pages.
- 33) Report, “Development Stages and Organisation Evolution for Lenticular *Luffships* that Someday may provide Serious Aerial Crane Services”, For SkyLifter, 28 July 2013 (not openly published), revised 25 June 2015, 14 pages.
- 34) Article A2, “More on Buoyancy - Aerostatics”. 6 June 2014. Published in Airship Association journal, No 185, Autumn 2014. Amended 9 May 2015, 3 pages.
- 35) Article A3, “Yet more on Buoyancy (Aerostatics)” – Altitude Effects. 12 June 2014. Published in Airship Association journal, No 186, Winter 2014/15. Amended 9 May 2015, 3 pages.
- 36) Article A4, “Even more on Buoyancy (Aerostatics) – Pressure and Temperature Effects”. 16 June 2014. Published in Airship Association journal, No 187, Spring 2015. Amended 9 May 2015, 3 pages.
- 37) Article A5, “Still more on Buoyancy – Aerostatic Control”. 23 June 2014. Published in Airship Association journal, No 188, Summer 2015.
- 38) Article A6, “Further Buoyancy Matters – Compression & Heat”. 2 July 2014. Published in Airship Association journal, No 188, Summer 2015.
- 39) Article A7, “The Concluding Buoyancy Saga – Control”. 6 July 2014. Published in Airship Association journal, No 189, Winter 2015.
- 40) Letter, “The Airship Industry Today”, original: 24 July 2014, amended 13 June 2015, 2 pages.



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- 41) Paper, "Load Exchange - An explanation and things to consider for LTA aircraft". For SkyLifter, 1 Apr 2015. Amended 12 May 2015, 9 pages.
- 42) Leaflet, "LS-L2 (SkyBird): Micro *Luffship*". For SkyLifter, 4 May 2015, 2 pages.
- 43) Leaflet, "SkyRover Mk 1 (LS-L20): Micro-light Level Sport *Luffship*". For SkyLifter, 22 Apr 2015, 2 pages.
- 44) Leaflet, "SkyRover Mk 2 (LS-L25): Normal Category Patrol *Luffship*". For SkyLifter, 22 Apr 2015, 2 pages.
- 45) Leaflet, "SkyLugger (LS-L50): Commuter Category Transport *Luffship*". For SkyLifter, 4 May 2015, 2 pages.
- 46) Leaflet, "SkyPorter (LS-L100): Transport Category Cargo *Luffship*". For SkyLifter, 4 May 2015, 2 pages.
- 47) Report, "Lenticular *Luffships*". A document explaining the Mk 1 SkyRover and its reasoning, 8 Feb 2016, 17 pages.
- 48) Report, "Patrol *Luffships*". A document explaining the need for such LTA aircraft for long endurance roving aerial platform duties. 29 Feb 2016, 9 pages.
- 49) Report, "LTA Aircraft Definitions". A document providing an explanation of terminology used in the industry. Rev C, 14 April 2016, 14 pages.
- 50) Leaflet, "LS-L5 (Mk 1 SkyRoamer): Mini *Luffship*". A Stadium Drone, 6 July 2016, 2 pages.

Note: The list will be updated as changes and additions occur.

17 July 2016

Charles Luffman - Author