

GEN 2.7 SUNRISE/SUNSET

1 UNIFORM DAYLIGHT PERIOD

The uniform daylight period is based on sunrise and sunset time at 5200N 00500E (namely from 15 minutes before sunrise until 15 minutes after sunset).

The times are given in UTC (see also GEN 2.1 paragraph 2). To obtain the local time, add 1 hour during the wintertime period and 2 hours during the summertime period to the times mentioned below. The transition from wintertime period to summertime period and v.v. is marked in bold.

UNIFORM DAYLIGHT PERIODS 2025														
Day	DEC (2024)		JAN		FEB		MAR		APR		MAY		JUN	
	period		period		period		period		period		period		period	
	from	to	from	to	from	to	from	to	from	to	from	to	from	to
1	0711	1547	0733	1554	0705	1643	0610	1735	0500	1829	0355	1920	0311	2006
2	0713	1546	0733	1556	0703	1645	0608	1737	0457	1831	0353	1922	0310	2007
3	0714	1546	0733	1557	0701	1647	0606	1739	0455	1832	0351	1923	0309	2008
4	0715	1545	0732	1558	0700	1649	0604	1740	0453	1834	0349	1925	0309	2009
5	0717	1545	0732	1559	0658	1651	0602	1742	0450	1836	0348	1927	0308	2010
6	0718	1544	0732	1600	0656	1653	0559	1744	0448	1838	0346	1928	0307	2011
7	0719	1544	0731	1602	0655	1654	0557	1746	0446	1839	0344	1930	0307	2011
8	0720	1544	0731	1603	0653	1656	0555	1747	0444	1841	0342	1932	0306	2012
9	0721	1544	0730	1605	0651	1658	0553	1749	0441	1843	0341	1933	0306	2013
10	0722	1543	0730	1606	0649	1700	0550	1751	0439	1844	0339	1935	0306	2014
11	0723	1543	0729	1607	0647	1702	0548	1753	0437	1846	0337	1937	0305	2014
12	0724	1543	0728	1609	0645	1704	0546	1755	0435	1848	0336	1938	0305	2015
13	0725	1543	0728	1610	0643	1706	0543	1756	0432	1850	0334	1940	0305	2016
14	0726	1543	0727	1612	0642	1707	0541	1758	0430	1851	0332	1941	0305	2016
15	0727	1544	0726	1614	0640	1709	0539	1800	0428	1853	0331	1943	0304	2017
16	0728	1544	0725	1615	0638	1711	0537	1802	0426	1855	0329	1944	0304	2017
17	0729	1544	0724	1617	0636	1713	0534	1803	0424	1856	0328	1946	0304	2018
18	0729	1544	0723	1618	0634	1715	0532	1805	0422	1858	0327	1947	0304	2018
19	0730	1545	0722	1620	0632	1717	0530	1807	0419	1900	0325	1949	0304	2018
20	0730	1545	0721	1622	0630	1719	0527	1808	0417	1902	0324	1950	0305	2019
21	0731	1546	0720	1623	0628	1720	0525	1810	0415	1903	0323	1952	0305	2019
22	0731	1546	0719	1625	0625	1722	0523	1812	0413	1905	0321	1953	0305	2019
23	0732	1547	0717	1627	0623	1724	0520	1814	0411	1907	0320	1954	0305	2019
24	0732	1547	0716	1629	0621	1726	0518	1815	0409	1908	0319	1956	0306	2019
25	0733	1548	0715	1630	0619	1728	0516	1817	0407	1910	0318	1957	0306	2019
26	0733	1549	0713	1632	0617	1730	0513	1819	0405	1912	0317	1958	0307	2019
27	0733	1550	0712	1634	0615	1731	0511	1820	0403	1913	0315	2000	0307	2019
28	0733	1551	0711	1636	0613	1733	0509	1822	0401	1915	0314	2001	0308	2019
29	0733	1551	0709	1638			0506	1824	0359	1917	0314	2002	0308	2019
30	0733	1552	0708	1640			0504	1826	0357	1918	0313	2003	0309	2018
31	0733	1553	0706	1641			0502	1827			0312	2004		

UNIFORM DAYLIGHT PERIODS 2025												
Day	JUL		AUG		SEP		OCT		NOV		DEC	
	period		period		period		period		period		period	
	from	to	from	to	from	to	from	to	from	to	from	to
1	0310	2018	0347	1945	0437	1842	0526	1732	0620	1626	0711	1547
2	0310	2018	0349	1943	0439	1839	0528	1730	0622	1624	0712	1546
3	0311	2017	0350	1941	0440	1837	0530	1727	0624	1623	0714	1546
4	0312	2017	0352	1939	0442	1835	0531	1725	0626	1621	0715	1545
5	0313	2016	0353	1938	0444	1833	0533	1723	0627	1619	0716	1545
6	0314	2016	0355	1936	0445	1830	0535	1721	0629	1617	0717	1545
7	0315	2015	0356	1934	0447	1828	0536	1718	0631	1616	0719	1544
8	0315	2014	0358	1932	0448	1826	0538	1716	0633	1614	0720	1544
9	0316	2014	0400	1930	0450	1823	0540	1714	0635	1613	0721	1544
10	0318	2013	0401	1928	0452	1821	0541	1712	0636	1611	0722	1543
11	0319	2012	0403	1926	0453	1819	0543	1709	0638	1609	0723	1543
12	0320	2011	0404	1924	0455	1816	0545	1707	0640	1608	0724	1543
13	0321	2010	0406	1922	0457	1814	0547	1705	0642	1606	0725	1543
14	0322	2009	0408	1920	0458	1812	0548	1703	0643	1605	0726	1543
15	0323	2008	0409	1918	0500	1809	0550	1701	0645	1604	0727	1544
16	0324	2007	0411	1916	0501	1807	0552	1658	0647	1602	0728	1544
17	0326	2006	0413	1914	0503	1805	0553	1656	0649	1601	0728	1544
18	0327	2005	0414	1912	0505	1802	0555	1654	0650	1600	0729	1544
19	0328	2004	0416	1910	0506	1800	0557	1652	0652	1558	0730	1545
20	0330	2002	0417	1908	0508	1758	0559	1650	0654	1557	0730	1545
21	0331	2001	0419	1906	0510	1755	0600	1648	0655	1556	0731	1545
22	0332	2000	0421	1904	0511	1753	0602	1646	0657	1555	0731	1546
23	0334	1958	0422	1902	0513	1751	0604	1644	0659	1554	0732	1547
24	0335	1957	0424	1900	0515	1748	0606	1642	0700	1553	0732	1547
25	0337	1956	0426	1857	0516	1746	0608	1640	0702	1552	0733	1548
26	0338	1954	0427	1855	0518	1744	0609	1638	0703	1551	0733	1549
27	0340	1953	0429	1853	0520	1741	0611	1636	0705	1550	0733	1549
28	0341	1951	0431	1851	0521	1739	0613	1634	0706	1549	0733	1550
29	0343	1949	0432	1848	0523	1737	0615	1632	0708	1548	0733	1551
30	0344	1948	0434	1846	0525	1734	0617	1630	0709	1548	0733	1552
31	0346	1946	0435	1844			0618	1628			0733	1553

2 SUNRISE AND SUNSET

Sunrise and sunset times at 5200N 00500E are depicted in the table below.

The times are given in UTC (see also GEN 2.1 paragraph 2). To obtain the local time, add 1 hour during the wintertime period and 2 hours during the summertime period to the times mentioned below. The transition from wintertime period to summertime period and v.v. is marked in bold.

SUNRISE AND SUNSET 2025														
Day	DEC (2024)		JAN		FEB		MAR		APR		MAY		JUN	
	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0726	1532	0748	1539	0720	1628	0625	1720	0515	1814	0410	1905	0326	1951
2	0728	1531	0748	1541	0718	1630	0623	1722	0512	1816	0408	1907	0325	1952
3	0729	1531	0748	1542	0716	1632	0621	1724	0510	1817	0406	1908	0324	1953
4	0730	1530	0747	1543	0715	1634	0619	1725	0508	1819	0404	1910	0324	1954
5	0732	1530	0747	1544	0713	1636	0617	1727	0505	1821	0403	1912	0323	1955
6	0733	1529	0747	1545	0711	1638	0614	1729	0503	1823	0401	1913	0322	1956
7	0734	1529	0746	1547	0710	1639	0612	1731	0501	1824	0359	1915	0322	1956
8	0735	1529	0746	1548	0708	1641	0610	1732	0459	1826	0357	1917	0321	1957
9	0736	1529	0745	1550	0706	1643	0608	1734	0456	1828	0356	1918	0321	1958
10	0737	1528	0745	1551	0704	1645	0605	1736	0454	1829	0354	1920	0321	1959
11	0738	1528	0744	1552	0702	1647	0603	1738	0452	1831	0352	1922	0320	1959
12	0739	1528	0743	1554	0700	1649	0601	1740	0450	1833	0351	1923	0320	2000
13	0740	1528	0743	1555	0658	1651	0558	1741	0447	1835	0349	1925	0320	2001
14	0741	1528	0742	1557	0657	1652	0556	1743	0445	1836	0347	1926	0320	2001
15	0742	1529	0741	1559	0655	1654	0554	1745	0443	1838	0346	1928	0319	2002
16	0743	1529	0740	1600	0653	1656	0552	1747	0441	1840	0344	1929	0319	2002
17	0744	1529	0739	1602	0651	1658	0549	1748	0439	1841	0343	1931	0319	2003
18	0744	1529	0738	1603	0649	1700	0547	1750	0437	1843	0342	1932	0319	2003
19	0745	1530	0737	1605	0647	1702	0545	1752	0434	1845	0340	1934	0319	2003
20	0745	1530	0736	1607	0645	1704	0542	1753	0432	1847	0339	1935	0320	2004
21	0746	1531	0735	1608	0643	1705	0540	1755	0430	1848	0338	1937	0320	2004
22	0746	1531	0734	1610	0640	1707	0538	1757	0428	1850	0336	1938	0320	2004
23	0747	1532	0732	1612	0638	1709	0535	1759	0426	1852	0335	1939	0320	2004
24	0747	1532	0731	1614	0636	1711	0533	1800	0424	1853	0334	1941	0321	2004
25	0748	1533	0730	1615	0634	1713	0531	1802	0422	1855	0333	1942	0321	2004
26	0748	1534	0728	1617	0632	1715	0528	1804	0420	1857	0332	1943	0322	2004
27	0748	1535	0727	1619	0630	1716	0526	1805	0418	1858	0330	1945	0322	2004
28	0748	1536	0726	1621	0628	1718	0524	1807	0416	1900	0329	1946	0323	2004
29	0748	1536	0724	1623			0521	1809	0414	1902	0329	1947	0323	2004
30	0748	1537	0723	1625			0519	1811	0412	1903	0328	1948	0324	2003
31	0748	1538	0721	1626			0517	1812			0327	1949		

SUNRISE AND SUNSET 2025												
Day	JUL		AUG		SEP		OCT		NOV		DEC	
	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS
1	0325	2003	0402	1930	0452	1827	0541	1717	0635	1611	0726	1532
2	0325	2003	0404	1928	0454	1824	0543	1715	0637	1609	0727	1531
3	0326	2002	0405	1926	0455	1822	0545	1712	0639	1608	0729	1531
4	0327	2002	0407	1924	0457	1820	0546	1710	0641	1606	0730	1530
5	0328	2001	0408	1923	0459	1818	0548	1708	0642	1604	0731	1530
6	0329	2001	0410	1921	0500	1815	0550	1706	0644	1602	0732	1529
7	0330	2000	0411	1919	0502	1813	0551	1703	0646	1601	0734	1529
8	0330	1959	0413	1917	0503	1811	0553	1701	0648	1559	0735	1529
9	0331	1959	0415	1915	0505	1808	0555	1659	0650	1558	0736	1529
10	0333	1958	0416	1913	0507	1806	0556	1657	0651	1556	0737	1528
11	0334	1957	0418	1911	0508	1804	0558	1654	0653	1554	0738	1528
12	0335	1956	0419	1909	0510	1801	0600	1652	0655	1553	0739	1528
13	0336	1955	0421	1907	0512	1759	0602	1650	0657	1551	0740	1528
14	0337	1954	0423	1905	0513	1757	0603	1648	0658	1550	0741	1528
15	0338	1953	0424	1903	0515	1754	0605	1646	0700	1549	0742	1529
16	0339	1952	0426	1901	0516	1752	0607	1643	0702	1547	0743	1529
17	0341	1951	0428	1859	0518	1750	0608	1641	0704	1546	0743	1529
18	0342	1950	0429	1857	0520	1747	0610	1639	0705	1545	0744	1529
19	0343	1949	0431	1855	0521	1745	0612	1637	0707	1543	0745	1530
20	0345	1947	0432	1853	0523	1743	0614	1635	0709	1542	0745	1530
21	0346	1946	0434	1851	0525	1740	0615	1633	0710	1541	0746	1531
22	0347	1945	0436	1849	0526	1738	0617	1631	0712	1540	0746	1531
23	0349	1943	0437	1847	0528	1736	0619	1629	0714	1539	0747	1532
24	0350	1942	0439	1845	0530	1733	0621	1627	0715	1538	0747	1532
25	0352	1941	0441	1842	0531	1731	0623	1625	0717	1537	0748	1533
26	0353	1939	0442	1840	0533	1729	0624	1623	0718	1536	0748	1534
27	0355	1938	0444	1838	0535	1726	0626	1621	0720	1535	0748	1535
28	0356	1936	0446	1836	0536	1724	0628	1619	0721	1534	0748	1536
29	0358	1934	0447	1833	0538	1722	0630	1617	0723	1533	0748	1536
30	0359	1933	0449	1831	0540	1719	0632	1615	0724	1533	0748	1537
31	0401	1931	0450	1829			0633	1613			0748	1538

RESTRICTED AREAS		
Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EHR3A (Oldebroek) As EHR3	<u>FL 185</u> 3000 FT AMSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Gunfiring. Vertical limits may vary within the area.
EHR3B (Oldebroek High) As EHR3	<u>FL 365</u> FL 185	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider.
EHR3BZ As EHR3	<u>FL 365</u> FL 185	For IFR flight planning purposes only.
EHR4 (Vliehors) 531013N 0044621E - along clockwise arc (radius 8 NM, centre 531500N 0045700E) - 530702N 0045602E - 531100N 0045124E - 531013N 0044621E.	<u>FL 065</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.
EHR4A (Vliehors) As EHR4	<u>FL 285</u> FL 065	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.
EHR4AZ Circle, radius 13 NM, centre 531500N 0045700E	<u>FL 285</u> FL 065	For IFR flight planning purposes only.
EHR4B (Vliehors) 530943N 0050659E - 530240N 0051500E - 525809N 0050622E - 530702N 0045602E - along anticlockwise arc (radius 8 NM, centre 531500N 0045700E) - 530943N 0050659E.	<u>4000 FT AMSL</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.
EHR4C (Vliehors) 530240N 0051500E - 525240N 0052130E - 525130N 0051530E - 525905N 0050809E - 530240N 0051500E.	<u>2000 FT AMSL</u> 1000 FT AMSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.
EHR4D (Vliehors) 531500N 0043701E - along parallel - 531500N 0044341E - along anticlockwise arc (radius 8 NM, centre 531500N 0045700E) - 531013N 0044621E - 530917N 0044028E - 531106N 0043808E - along clockwise arc (radius 12 NM, centre 531500N 0045700E) - 531500N 0043701E.	<u>1500 FT AMSL</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.

RESTRICTED AREAS		
Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EHR4E (Vliehors) 531106N 0043808E - 533000N 0042000E - along parallel - 533000N 0051000E - 531645N 0051000E - along anticlockwise arc (radius 8 NM, centre 531500N 0045700E) - 531500N 0044341E - along parallel - 531500N 0043701E - along anticlockwise arc (radius 12 NM, centre 531500N 0045700E) - 531106N 0043808E.	<u>FL 285</u> 10 000 FT AMSL	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.
EHR4EZ 530521N 0043402E - 533007N 0041013E - 533459N 0041506E - along parallel - 533459N 0051823E - 531255N 0051823E - 530521N 0043402E.	<u>FL 285</u> 10 000 FT AMSL	For IFR flight planning purposes only.
EHR4F (Vliehors) 532159N 0044045E - 531940N 0044610E - along anticlockwise arc (radius 8 NM, centre 531500N 0045700E) - 531500N 0044341E - along parallel - 531500N 0043701E - along clockwise arc (radius 12 NM, centre 531500N 0045700E) - 532159N 0044045E.	<u>5000 FT AMSL</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. When activated class G. Air to ground firing. From SS-2230 (SS-2130) flares may be dropped. Vertical limits may vary within the area.
EHR8 (Den Helder) 525742N 0044425E - 525200N 0044300E - 524700N 0044100E - 524500N 0043200E - 524630N 0042600E - 524900N 0042100E - 530500N 0042100E - 530610N 0043056E - 530259N 0044046E - 525742N 0044425E.	<u>FL 065</u> MSL	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Military exercises. Vertical limits may vary within the area.
EHR8A (Den Helder) As EHR8	<u>FL 660</u> <u>FL 065</u>	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider. When activated class E. Military exercises. Vertical limits may vary within the area.
EHR8AZ As EHR8	<u>FL 660</u> <u>FL 065</u>	For IFR flight planning purposes only. ATS route exempted: M90.
EHR9 (Harskamp) 521130N 0054700E - 520930N 0055250E - 520730N 0055250E - 520640N 0054545E - 520920N 0054400E - 521130N 0054700E.	<u>5900 FT AMSL</u> GND	MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Gunfiring. Vertical limits may vary within the area.
EHR49 (Breezanddijk) 530103N 0051232E - 525345N 0051600E - 525329N 0051111E - 524839N 0051016E - 524847N 0050733E - 525053N 0050749E - 525600N 0050333E - 530103N 0051232E.	<u>19 500 FT AMSL</u> MSL	Activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Gunfiring will take place from position: 530103N 0051232E. Vertical limits may vary within the area.

DANGER AREAS		
Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EHD018 550000N 0050000E - along parallel - 550000N 0063000E - 534000N 0063000E - 533000N 0053400E - 532624N 0051000E - 532229N 0045220E - along anticlockwise arc (radius 8 NM, centre 531500N 0045700E) - 531940N 0044610E - 531944N 0044600E - 533000N 0044600E - along parallel - 533000N 0033844E - 540000N 0040505E - 543000N 0043209E - 550000N 0050000E.	<u>FL 660</u> FL 055	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider. When activated class E. Military exercises. Vertical limits may vary within the area.
EHD018Z 550228N 0045724E - along parallel - 550228N 0063421E - 533532N 0063421E - 532134N 0051203E - 531819N 0045735E - 531332N 0044609E - 531710N 0043725E - 532457N 0043725E - along parallel - 532457N 0033844E - 533000N 0033432E - 550228N 0045724E.	<u>FL 660</u> FL 055	For IFR flight planning purposes only.
EHD41A 530500N 0034500E - 531300N 0034500E - along parallel - 531300N 0041000E - 530500N 0041000E - along parallel - 530500N 0034500E.	<u>FL 055</u> MSL	Activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Gunfiring.
EHD41B 530500N 0033700E - 531300N 0033700E - along parallel - 531300N 0034500E - 530500N 0034500E - along parallel - 530500N 0033700E.	<u>FL 055</u> MSL	Activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Gunfiring.
EHD41C 530500N 0041000E - 531300N 0041000E - along parallel - 531300N 0041800E - 530500N 0041800E - along parallel - 530500N 0041000E.	<u>FL 055</u> MSL	Activated by NOTAM. Prohibited when activated, unless permission from MILATCC Schiphol. Gunfiring.
EHD41D As EHD41A	<u>FL 660</u> FL 055	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider. Gunfiring.
EHD41DZ 530230N 0034051E - 531529N 0034051E - along parallel - 531529N 0041409E - 530230N 0041409E - 530230N 0034051E.	<u>FL 660</u> FL 055	For IFR flight planning purposes only.

DANGER AREAS		
Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EHD42 540000N 0044600E - along parallel - 540000N 0060626E - 535106N 0061358E - 533738N 0050600E - 533600N 0044600E - 540000N 0044600E.	<u>FL 660</u> MSL	Activated by NOTAM. Prohibited when activated, unless permission from the military ATS provider. Air to air firing. Vertical limits may vary within the area.
EHD42Z 540458N 0043731E - along parallel - 540458N 0061142E - 535116N 0062315E - 534704N 0062015E - 533245N 0050757E - 533044N 0044323E - 533343N 0043737E - 540458N 0043731E.	<u>FL 660</u> FL 055	For IFR flight planning purposes only.

3 TEMPORARY RESERVED AIRSPACE (TRA)

Definition: a defined volume of airspace normally under the jurisdiction of one aviation authority and temporarily reserved, by common agreement, for the specific use by another aviation authority and through which other traffic may be allowed to transit, under ATC clearance.

The areas are shown on charts ENR 6-3.1.

TEMPORARY RESERVED AIRSPACE		
Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EHTRA10A As Nieuw Milligen TMA A, see ENR 2.1.	<u>FL 660</u> FL 095	AMC manageable area. MON-THU 0700-2300 (0600-2200), FRI 0700-1600 (0600-1500), or when activated via AUP/UUP or NOTAM. Prohibited when activated, unless permission from the military ATS provider. When activated class E. Military exercises. Vertical limits may vary within the area.
EHTRA10AZ 53°45'08.95"N 006°29'42.34"E; 53°35'11.77"N 006°39'42.92"E; 53°33'27.79"N 006°42'43.23"E; 53°32'13.74"N 006°47'19.32"E; 53°30'15.00"N 006°44'30.00"E; 53°24'37.00"N 006°36'30.00"E; 52°48'02.89"N 005°17'10.78"E; 52°43'30.00"N 004°33'40.00"E; 52°45'25.00"N 004°28'03.00"E; 52°48'19.15"N 004°21'00.00"E; 52°51'47.00"N 004°12'41.58"E; 53°09'06.25"N 004°12'41.58"E; 53°10'55.28"N 004°28'05.18"E; 53°17'29.17"N 004°28'55.22"E; 53°26'47.31"N 004°47'44.69"E; 53°31'10.45"N 005°07'30.69"E; 53°34'48.71"N 005°31'45.31"E; to point of origin.	<u>FL 660</u> FL 095	For IFR flight planning purposes only.

6 AERODROME TRAFFIC ZONES (ATZ)

Definition: an airspace of defined dimensions established around an aerodrome for the protection of aerodrome traffic.

An ATZ has been established around the following aerodromes. The activities conducted at these aerodromes make it undesirable for other aircraft, not engaged in these activities, to penetrate or otherwise disturb the traffic pattern. In this case, the ATZ is primarily reserved for use by aircraft participating in the activities of the aerodrome. Overflying aircraft are strongly recommended to stay clear of the ATZ

AERODROME TRAFFIC ZONES		
Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction)
1	2	3
ATZ Budel - part A 511743N 0053057E - along clockwise arc (radius 5 NM, centre 511421N 0053650E) - 511052N 0054231E - along Dutch-Belgian border - 511152N 0053910E - 511521N 0053324E - along Dutch-Belgian border - 511743N 0053057E.	<u>1200 FT AMSL</u> GND	OPR HR EHBD (see EHBD AD 2.3). ATZ Budel is situated within Kleine Brogel CTR, the air-space classification is class G. ATZ Budel is only for flights to and from Budel AD and circuit flights. Pilots conducting flights within ATZ Budel have to maintain two-way radio contact with the aerodrome authority.
ATZ Budel - part B 511521N 0053324E - 511152N 0053910E - along Dutch-Belgian border - 511521N 0053324E.	<u>600 FT AMSL</u> GND	
ATZ Schinveld 505834N 0055818E - 505848N 0055819E - along Dutch-German border - 505900N 0060136E - along Dutch-German border - 505854N 0060137E - 505856N 0060117E - 505850N 0060058E - 505833N 0060020E - 505834N 0055818E.	<u>up to 3000 FT AMSL</u> GND	OPR HR EHBK during UDP (see EHBK AD 2.3). ATZ Schinveld is situated within Maastricht CTR. All aircraft not participating in the glider activities at or near Schinveld glider site are strongly recommended to stay clear of the ATZ, unless an ATC clearance to cross has been obtained from Beek Tower. This clearance will only be issued when there are no glider activities at Schinveld glider site. ATZ Schinveld is during set time periods subject to local agreement for use by local participants only.
ATZ Teuge 521742N 0060940E - 521353N 0060957E - 521152N 0060252E - 521240N 0060000E - 521354N 0055713E - 521724N 0055829E - 521742N 0060940E.	<u>1500 FT AMSL</u> GND	OPR HR EHTE outside UDP (see EHTE AD 2.3). ATZ Teuge is situated in airspace class G.
ATZ Twente 521707N 0064436E - 522138N 0065918E - 521849N 0070237E - along Dutch-German border - 521618N 0070155E - 521554N 0070208E - 521037N 0064719E - 521339N 0064312E - 521707N 0064436E.	<u>2200 FT AMSL</u> GND	OPR HR EHTW during UDP (see EHTW AD 2.3). Traffic not in- or outbound ENSCHEDE/Twente is strongly advised not to enter the ATZ. ATZ Twente is situated in airspace class: <ul style="list-style-type: none"> • G GND-1500 FT AMSL; • E 1500 FT AMSL-2200 FT AMSL.
ATZ Veendam 530415N 0064852E - along clockwise arc (radius 0.88 NM, centre 530504N 0064925E) - 530514N 0065051E - 530446N 0065100E - 530444N 0065258E - 530351N 0065225E - 530303N 0065112E - 530323N 0065014E - 530415N 0064852E.	<u>up to 1500 FT AMSL</u> GND	OPR HR EHGG during UDP (see EHGG AD 2.3). All aircraft not participating in the glider activities at or near Veendam glider site are strongly recommended to stay clear of the ATZ. ATZ Veendam is during set time periods subject to local agreement for use by local participants only, exempted from the TMZ Eelde.

7 OTHER PERMANENT HAZARDOUS AREAS

7.1 Low flying areas and low flying routes

Low flying areas and routes in the Amsterdam FIR are solely assigned to certain military and/or civil parties authorised by the appropriate authorities to operate below the minimum height as defined in SERA.3105. The civil and military low flying areas are depicted on chart ENR 6-5.2 (military areas are listed in ENR 5.2).

General remarks:

- Built up areas, populous beaches, crowds, Royal residences, hospitals, health resorts, etc. shall be avoided.

- b. Aircraft leaving low flying area and/or low flying routes will climb to an altitude designated by ATC.
- c. Low flying in civil low flying areas (see paragraph 7.3) is only permitted to single engine aircraft for practising go-arounds during training flights under supervision of an instructor.
- d. Listing of a low flying area or route does not imply any right to a pilot to use that low flying area or route.

Outside designated low flying areas and routes, low flying may take place:

- below 500 FT AGL/AMSL by aircraft of the State Police and by military aircraft in connection with exercises of the Netherlands Forces;
- over water areas by helicopters.

7.2 Intensive military aircraft within and near EHR4 (Vliehors)

- Expect intensive OAT MON-THU 0700-2300 (0600-2200) and FRI 0700-1600 (0600-1500) within and near the restricted area EHR4 between 1000 FT and 1750 FT.
- The OAT route to and from EHR4 is shown on the Aeronautical chart the Netherlands - ICAO 1:500 000.
- Crossing and entering EHR4, EHR4A, EHR4B, EHR4C, EHR4D, EHR4E AND EHR4F (Vliehors) is prohibited to general aviation when active. Police, SAR, HEMS and flights to and from oil platform L15-FA-1 are exempted. These flights must be coordinated with Dutch MIL Info (COM CH 132.350) prior to entry. Airspace classification G is applicable within the above mentioned airspace.
- The range controller does not provide ATC service or clearances to enter EHR4.
- Pilots are responsible for avoiding EHR4 and other traffic.

7.3 Simulated forced landing areas for general aviation

Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction)
1	2	3
Area Deventer 52°14'46.88"N 006°08'35.91"E; 52°14'58.54"N 006°09'32.41"E; 52°13'37.07"N 006°11'31.40"E; 52°12'00.46"N 006°11'45.46"E; 52°10'15.82"N 006°13'34.60"E; 52°08'51.63"N 006°12'12.01"E; 52°08'33.33"N 006°11'02.78"E; 52°09'18.35"N 006°08'28.92"E; 52°10'24.04"N 006°08'29.24"E; 52°11'30.33"N 006°07'44.30"E; 52°13'06.34"N 006°08'48.85"E; to point of origin.	500 FT AGL 100 FT AGL ¹⁾	Area assigned to civil light aircraft practising go-arounds; conditions see paragraph 7.1. VMC ¹⁾ The parts over roads, canals and rivers are excluded.
Area Flevopolder ¹⁾ 52°20'30.00"N 005°19'44.00"E; 52°21'09.00"N 005°21'15.00"E; 52°19'29.00"N 005°23'05.00"E; 52°18'54.00"N 005°21'34.00"E; to point of origin.	500 FT AGL 100 FT AGL ²⁾	Area assigned to civil light aircraft practising go-arounds; conditions see paragraph 7.1. VMC ¹⁾ It is strongly advised not to use Area Flevopolder if the flight visibility is below 5 km due to high wind turbines in the area. ²⁾ The parts over roads, canals and rivers are excluded.
Area Gouda 52°00'24.35"N 004°43'14.93"E; 51°59'27.33"N 004°44'59.19"E; 51°58'18.66"N 004°46'05.55"E; 51°57'09.38"N 004°46'48.45"E; 51°55'49.47"N 004°46'46.23"E; 51°55'07.78"N 004°46'56.21"E; 51°55'04.65"N 004°46'01.10"E; 51°53'56.12"N 004°43'16.23"E; 51°53'30.32"N 004°40'18.54"E; 51°53'29.99"N 004°37'17.33"E; 51°54'25.17"N 004°33'44.51"E; 51°56'10.13"N 004°38'02.24"E; 51°57'14.22"N 004°38'56.42"E; 51°58'09.01"N 004°37'55.79"E; 51°58'44.81"N 004°40'11.69"E; 51°59'31.83"N 004°40'55.49"E; to point of origin.	500 FT AGL 100 FT AGL ¹⁾	Area assigned to civil light aircraft practising go-arounds; conditions see paragraph 7.1. Model flying at PSN 51°55'00"N 004°40'42"E, radius 0.5 km height up to 1000 ft AGL. VMC ¹⁾ The parts over roads, canals and rivers are excluded.

Identification, name and lateral limits	Upper limit Lower limit	Remarks (time of activity, type of restriction)
1	2	3
Area Noord Groningen 532314N 0061739E - 532253N 0061815E - 532409N 0062252E - 532428N 0062500E - 532426N 0062618E - 532443N 0062702E - 532502N 0063113E - 532450N 0063138E - 532543N 0063636E - 532635N 0063906E - 532622N 0064512E - 532535N 0064905E - 532355N 0065204E - 531947N 0065335E - 531934N 0065151E - 532008N 0064411E - 531749N 0063233E - 532010N 0063109E - 532149N 0062348E - 532143N 0061938E - 532200N 0061734E - 532257N 0061639E - 532259N 0061707E - 532314N 0061739E.	<u>500 FT AGL</u> 100 FT AGL	Area assigned to civil light aircraft practising go-arounds; conditions see paragraph 7.1. VMC

2 MILITARY LOW FLYING ROUTES

Name of the area and lateral limits	Upper limit Lower limit	Remarks and time of ACT
1	2	3
Route 10 52°04'30.00"N 006°44'00.00"E; 52°14'40.00"N 006°39'30.00"E;	<u>1000 ft AGL</u> 250 ft AGL	Low flying exercises military jet and transport aircraft. The route will only be flown northbound. VMC
52°17'30.00"N 006°38'30.00"E; 52°25'00.00"N 006°36'30.00"E;	<u>1000 ft AGL</u> 1000 ft AGL	
52°36'40.00"N 006°33'00.00"E; 53°03'00.00"N 007°13'30.00"E.	<u>1000 ft AGL</u> 250 ft AGL	
Route VO 51°27'00.00"N 004°20'12.00"E (Woensdrecht); 51°37'16.00"N 004°30'47.00"E (Standdaarbuiten); 51°41'35.00"N 004°56'53.00"E (Waspik); 51°49'38.00"N 005°40'56.00"E (Hernen); 51°50'58.00"N 005°33'38.00"E (Altforst); 51°50'53.00"N 005°15'25.00"E (Waardenburg); 51°52'11.00"N 005°03'04.00"E (Kedichem); 51°51'50.00"N 004°56'17.00"E (Hoornhaar); 51°45'53.00"N 004°38'56.00"E (Dordrecht); 51°42'55.00"N 004°37'31.00"E (Moerdijk); 51°42'34.00"N 004°25'23.00"E (as Hollands Diep); 51°39'24.00"N 004°20'35.00"E (as Volkerak); 51°27'00.00"N 004°20'12.00"E (Woensdrecht).	<u>1000 ft AGL</u> 250 ft AGL ¹⁾ 100 ft AGL ²⁾	Military helicopter and propeller aircraft training flights. VMC MON-FRI 0700-1545 (0600-1445). ¹⁾ Lower limit military propeller aircraft. ²⁾ Lower limit military helicopters.

3 TARGET TOWING FROM LEEUWARDEN AIR BASE

Intensive flying by tow-aircraft of the Royal Netherlands Air Force may take place in the area between Leeuwarden Air Base and the danger area EHD42. These aircraft, which are towing targets by means of an unmarked cable of 1000 m length, are not provided with special markings.

4 AIR REFUELLING

Air refuelling will generally take place on tracks situated in the following areas, normally in the block FL 260 - FL 290 (all flight levels included).

- **CAROL track:**
53°13'00"N 006°01'00"E;
53°32'00"N 006°01'00"E;
53°28'00"N 003°57'00"E;
53°13'00"N 003°58'00"E;
53°13'00"N 006°01'00"E.
- **POLLY track:**
52°56'00"N 004°49'00"E;
53°17'00"N 005°57'00"E;
53°31'00"N 005°35'00"E;
53°10'00"N 004°37'00"E;
52°56'00"N 004°49'00"E.

Actual air refuelling will be co-ordinated with civil air traffic control.

ENR 5.4 AIR NAVIGATION OBSTACLES - AREA 1 (Height 328 FT AGL or higher)

Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT
ID	Location			AGL	AMSL	Type/Colour
1	2	3	4	5		
424	Aalten	8 wind turbines (area)	515755N 0063155E - 515803N 0063212E - 515735N 0063326E - 515723N 0063314E - 515755N 0063155E	459	525	OBST/R
324	Almere	10 wind turbines (line)	521853N 0052007E - 522024N 0052051E	721	709	OBST/R
514	Almere	building with antenna	522233N 0051302E	463	451	-
343	Alphen a/d Rijn	concrete tower with tube mast	520814N 0043848E	446	446	-
003	Amsterdam	2 chimneys	522423N 0045038E	584	587	OBST/R
004	Amsterdam	2 high tension masts joined by cables (line)	522203N 0045900E - 522222N 0045858E	436	436	OBST/R
005	Amsterdam	concrete tower with antenna	522011N 0045315E	479	479	OBST/R
006	Amsterdam	chimney	522419N 0045050E	574	577	-
007	Amsterdam	building	522042N 0045501E	492	499	OBST/day FLG W, night R
009	Amsterdam	chimney	522359N 0044734E	335	338	OBST/R
010	Amsterdam	building	522016N 0045227E	344	344	OBST/R
209	Amsterdam	wind turbine	522522N 0044731E	410	417	-
300	Amsterdam	4 wind turbines (line)	522451N 0044800E - 522415N 0044800E	410	413	OBST/R
314	Amsterdam	9 wind turbines (line)	522536N 0044423E - 522430N 0044445E	413	417	-
327	Amsterdam	building	522010N 0045224E	338	338	-
329	Amsterdam	3 wind turbines (line)	522516N 0044629E - 522444N 0044647E	410	410	-
339	Amsterdam	antenna mast	522340N 0045148E	371	374	-
562	Amsterdam	6 wind turbines (line)	522444N 0044934E - 522437N 0044942E - 522415N 0045031E	492	496	OBST/day FLG W, night R
576	Amsterdam	building	522308N 0045416E	558	567	OBST/R
579	Amsterdam	building	522017N 0045240E	338	335	-
611	Amsterdam	crane	522309N 0045422E	394	400	OBST/R
612	Amsterdam	2 cranes	521821N 0045703E	476	453	OBST/R
615	Amsterdam	1-3 cranes	521826N 0045648E	426	436	OBST/R
575	Angerlo	4 wind turbines (line)	515833N 0060722E - 515842N 0060740E - 515850N 0060825E	577	606	OBST/day FLG W, night R
303	Apeldoorn	antenna mast	521331N 0055421E	354	587	-
013	Arnhem	concrete tower with tube mast	515911N 0055234E	492	623	OBST/R
606	Arnhem	Under construction 4 wind turbines (line)	515740N 0055634E - 515812N 0055709E	630	686	OBST/day FLG W, night R
586	Blaaksedijk	3 wind turbines (line)	514944N 0043058E - 514934N 0043214E	616	623	OBST/day FLG W, night R
601	Biddinghuizen	3 wind turbines (line)	522519N 0053920E - 522457N 0053835E	499	512	OBST/day W, night R
603	Biddinghuizen	5 wind turbines (line)	522613N 0053624E - 522533N 0053713E	499	512	OBST/day W, night R
608	Biddinghuizen	6 wind turbines (line)	522530N 0053943E - 522627N 0054141E	813	800	OBST/day FLG W, night R
018	Borssele	chimney	512632N 0034320E	426	436	-
019	Borssele	chimney	512623N 0034333E	394	403	-
020	Borssele	chimney	512638N 0034344E	394	403	-
021	Borssele	chimney	512644N 0034338E	427	436	-
022	Botlek	2 chimneys	515224N 0041743E	492	509	OBST/R
023	Botlek	flare stack ¹⁾	515222N 0041731E	410	427	-

Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT
ID	Location			AGL	AMSL	Type/Colour
1		2	3	4		5
024	Botlek	2 flare stacks ¹⁾	515234N 0041745E	341	358	-
025	Botlek	2 chimneys	515348N 0041630E	361	374	-
433	Botlek	wind turbine	515252N 0041441E	394	412	-
304	Breda	antenna mast	513610N 0044545E	433	440	-
607	Breda	Under construction 2 wind turbines (line)	513757N 0044242E - 513744N 0044251E	689	699	OBST/day W, night R
504	Breda Hazeldonk	3 wind turbines (line)	513017N 0044459E - 512928N 0044423E	489	512	OBST/day FLG W, night FLG R
027	Cabauw	tube mast	515813N 0045534E	738	735	OBST/R
492	Capelle aan den IJssel	wind turbine	515433N 0043227E	492	502	OBST/day FLG W, night FLG R
325	Coevorden	4 wind turbines (area)	523851N 0064410E - 523838N 0064415E - 523829N 0064405E - 523841N 0064351E - 523851N 0064410E	479	505	OBST/day FLG W, night FLG R
444	Coevorden	3 wind turbines (area)	523825N 0064316E - 523835N 0064325E - 523831N 0064344E - 523825N 0064316E	492	524	OBST/day FLG W, night FLG R
523	Cromstrijen	9 wind turbines (line)	514254N 0042854E - 514227N 0043051E - 514227N 0043138E	590	593	OBST/day FLG W, night R
470	Culemborg	3 wind turbines (line)	515609N 0051125E - 515606N 0051200E	394	397	-
028	Delft	church	520044N 0042137E	358	361	-
029	Delft	chimney	515919N 0042215E	361	358	-
318	Delfzijl	33 wind turbines (area)	531742N 0065722E - 531710N 0065941E - 531630N 0065923E - 531640N 0065718E - 531742N 0065722E	394	397	-
473	Delfzijl	14 wind turbines (line)	531935N 0065640E - 531900N 0070016E	492	512	OBST/day FLG W, night FLG R
474	Delfzijl	5 wind turbines (area)	531848N 0070039E - 531837N 0070042E - 531828N 0070035E - 531831N 0070019E - 531841N 0070026E - 531848N 0070039E	492	512	OBST/day FLG W, night FLG R
604	Delfzijl	3 wind turbines (line)	531630N 0065800E - 531620N 0065916E	663	669	OBST/day W, night R
196	De Lier	wind turbine	515813N 0041306E	354	358	-
061	Den Haag	chimneys	520433N 0041721E	335	328	-
062	Den Haag	concrete tower with mast	520451N 0042009E	443	446	OBST/R
309	Den Haag	antenna mast	520250N 0041513E	505	505	OBST/R
310	Den Haag	building	520418N 0041927E	426	426	-
408	Den Haag	building with two towers	520445N 0041918E	479	482	-
409	Den Haag	building	520448N 0041915E	341	344	-
410	Den Haag	building	520443N 0041916E	430	433	-
411	Den Haag	building	520450N 0041919E	466	469	-
412	Den Haag	building	520455N 0041929E	518	522	-
413	Den Haag	building	520444N 0042015E	420	423	OBST/R
494	Den Haag	wind turbine	520416N 0042311E	492	489	OBST/day FLG W, night FLG R
458	Deventer	2 wind turbines (line)	521409N 0061103E - 521409N 0061152E	430	459	OBST/day FLG W, night FLG R
616	Dinteloord	Under construction 4 wind turbines (area)	513902N 0042132E - 513901N 0042152E - 513847N 0042129E - 513851N 0042108E - 513902N 0042132E	672	672	OBST/day FLG W, night R
311	Doetinchem	antenna mast	515642N 0061753E	348	390	OBST/R

Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT
ID	Location			AGL	AMSL	Type/Colour
1		2	3	4		5
034	Dordrecht	2 high tension masts joined by cables (line)	514551N 0043745E - 514547N 0043722E	358	358	-
199	Dronten	8 wind turbines (line)	523011N 0054736E - 523122N 0054800E	328	318	-
200	Dronten	10 wind turbines (line)	522806N 0054544E - 522926N 0054731E	354	345	-
201	Dronten	7 wind turbines (line)	522836N 0054212E - 522902N 0054038E	345	331	-
202	Dronten	7 wind turbines (line)	523201N 0053809E - 523208N 0054011E	361	348	-
203	Dronten	7 wind turbines (line)	523158N 0053525E - 523204N 0053746E	341	328	-
357	Dronten	10 wind turbines (line)	522819N 0053716E - 522916N 0053924E	344	331	-
508	Dronten	6 wind turbines (line)	522735N 0053721E - 522624N 0053850E	797	810	OBST/day W, night R
512	Dronten	6 wind turbines (line)	522809N 0053835E - 522659N 0054003E	797	810	OBST/day W, night R
525	Dronten	mast	523359N 0054219E	394	381	-
537	Dronten	mast	523102N 0054612E	525	515	OBST/day FLG W, night R
599	Dronten	15 wind turbines (line)	523132N 0054629E - 522924N 0054534E - 522803N 0054254E	790	804	OBST/day W, night R
609	Dronten	6 wind turbines (line)	523258N 0054748E - 523227N 0054803E - 523137N 0054802E	813	800	OBST/day FLG W, night R
610	Dronten	5 wind turbines (line)	523005N 0054734E - 523118N 0054757E	804	797	OBST/day FLG W, night R
445	Duiven	4 wind turbines (area)	515839N 0060115E - 515829N 0060122E - 515819N 0060110E - 515831N 0060101E - 515839N 0060115E	496	525	OBST/day FLG W, night FLG R
605	Duiven	Under construction 2 wind turbines (line)	515825N 0060006E - 515820N 0060025E	656	699	OBST/day W, night R
441	Echteld	4 wind turbines (line)	515510N 0053028E - 515514N 0053112E	394	410	OBST/day FLG W, night FLG R
453	Ede	2 wind turbines (line)	520201N 0053648E - 520149N 0053643E	492	519	OBST/day FLG W, night FLG R
037	Eemshaven	chimney	532612N 0065251E	470	479	OBST/R
320	Eemshaven	67 wind turbines (area)	532745N 0064850E - 532702N 0065141E - 532616N 0065256E - 532519N 0065226E - 532611N 0065120E - 532640N 0064709E - 532745N 0064850E	459	476	-
462	Eemshaven	wind turbine	532718N 0064803E	574	589	OBST/day FLG W, night FLG R
321	Eemshaven, Emmapolder	20 wind turbines (area)	532736N 0064448E - 532704N 0064721E - 532656N 0064645E - 532720N 0064440E - 532736N 0064448E	476	485	-
486	Eemshaven	mast	532724N 0064815E	344	360	-
589	Eemshaven, Oostpolder	21 wind turbines (area)	532638N 0064719E - 532632N 0064901E - 532612N 0065032E - 532553N 0065122E - 532540N 0065136E - 532516N 0065032E - 532543N 0065052E - 532625N 0064703E - 532638N 0064719E	734	738	OBST/day FLG W, night R
573	Egchel	5 wind turbines (line)	511917N 0055423E - 511839N 0055638E	656	757	OBST/day FLG W, night R

Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT
ID	Location			AGL	AMSL	Type/Colour
1	2	3	4	5		
039	Emmen	flare stack ²⁾	524516N 0065642E	328	397	OBST/R
602	Emmen	14 wind turbines (area)	524947N 0065923E - 524921N 0065946E - 524902N 0065912E - 524856N 0065744E - 524923N 0065753E - 524943N 0065859E - 524947N 0065923E	488	531	-
312	Enschede	building	521258N 0065404E	331	472	OBST/R
434	Etten-Leur	5 wind turbines (line)	513745N 0043914E - 513656N 0043927E	492	491	OBST/day FLG W, night FLG R
436	Etten-Leur	5 wind turbines (line)	513714N 0043620E - 513633N 0043651E	459	459	-
437	Etten-Leur	5 wind turbines (line)	513719N 0043728E - 513658N 0043802E	328	364	-
041	Europoort	3 chimneys	515633N 0040625E	397	417	-
042	Europoort	chimney	515602N 0041016E	505	522	OBST/R
044	Europoort	chimney	515642N 0040628E	495	516	OBST/R
326	Europoort	9 wind turbines (line)	515604N 0040910E - 515545N 0041007E - 515516N 0041032E	394	410	-
528	Europoort	4 wind turbines (line)	515608N 0040731E - 515602N 0040821E	456	473	OBST/day FLG W, night FLG R
530	Europoort	6 wind turbines (line)	515707N 0041035E - 515627N 0041209E	574	591	OBST/day FLG W, night R
556	Exloërmond	7 wind turbines (line)	525624N 0065502E - 525729N 0065745E	692	718	OBST/day FLG W, night R
557	Exloërmond	7 wind turbines (line)	525559N 0065533E - 525703N 0065813E	692	722	OBST/day FLG W, night R
558	Exloërmond	9 wind turbines (line)	525334N 0065629E - 525529N 0065929E	692	722	OBST/day FLG W, night R
553	Gasselternijveen	9 wind turbines (line)	530228N 0065045E - 530056N 0065321E	692	705	OBST/day FLG W, night R
597	Galder	3 wind turbines (area)	513142N 0044513E - 513154N 0044459E - 513142N 0044448E - 513142N 0044513E	685	705	OBST/day W, night R
554	Gasselternijveen	7 wind turbines (line)	525948N 0065101E - 530027N 0065420E	692	705	OBST/day FLG W, night R
555	Gasselternijveen	6 wind turbines (line)	525845N 0065204E - 525924N 0065513E	692	705	OBST/day FLG W, night R
046	Geertruidenberg	chimney	514240N 0045036E	577	594	OBST/R
047	Geertruidenberg	3 high tension masts joined by cables (line)	514255N 0045031E - 514239N 0045022E - 514229N 0045016E	344	344	-
048	Geertruidenberg	2 chimneys	514231N 0045040E	577	594	OBST/R
049	Geertruidenberg	cooling tower	514220N 0045029E	430	443	OBST/R
535	Geldermalsen	3 wind turbines (line)	515206N 0051956E - 515201N 0051922E	607	617	OBST/day FLG W, night FLG R
543	Geldermalsen	4 wind turbines (line)	515102N 0051241E - 515114N 0051340E	682	686	OBST/R
050	Geleen	chimney	505854N 0054746E	574	770	OBST/R
051	Geleen	chimney	505733N 0054739E	397	640	OBST/R
052	Geleen	chimney	505908N 0054808E	410	614	-
053	Geleen	chimney	505837N 0054745E	387	581	-
054	Geleen	2 chimneys	505843N 0054759E	410	617	-
055	Geleen	flare stack ³⁾	505818N 0054818E	361	591	-
057	Geleen	flare stack ⁴⁾	505730N 0054748E	361	591	-
058	Gemert	concrete tower	513135N 0054215E	420	482	OBST/R
469	Giessenlanden	3 wind turbines (line)	515004N 0045309E - 515013N 0045347E	492	492	OBST/day FLG W, night FLG R
059	Gilze	antenna mast	513214N 0045341E	479	522	OBST/R

Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT
ID	Location			AGL	AMSL	Type/Colour
1		2	3	4		5
595	Noordzee, Hollandse Kust Zuid	Under construction 152 wind turbines (area)	522509N 0041523E - 521957N 0041131E - 521533N 0040717E - 521054N 0035940E - 521215N 0035742E - 521913N 0035536E - 522307N 0035659E - 522501N 0040720E - 522314N 0040546E - 522157N 0040931E - 522237N 0041116E - 522505N 0041249E - 522509N 0041523E	-	738	OBST/R
550	Numansdorp	5 wind turbines (line)	514353N 0042313E - 514331N 0042419E	653	656	OBST/R
125	Oegstgeest	antenna mast	521055N 0042905E	381	377	OBST/R
479	Oisterwijk	4 wind turbines (line)	513128N 0051318E - 513106N 0051438E	492	532	OBST/day FLG W, night FLG R
516	Oosterhout	6 wind turbines (area)	514031N 0045037E - 514022N 0045050E - 514016N 0045016E - 514026N 0045002E - 514031N 0045037E	476	486	-
581	Ospeldijk	4 wind turbines (line)	511858N 0055138E - 511827N 0055008E	689	784	OBST/day FLG W, night R
307	Oss	antenna mast	514513N 0053325E	354	387	-
577	Ossendrecht	5 wind turbines (line)	512240N 0041640E - 512238N 0041703E - 512239N 0041804E	587	594	OBST/day FLG W, night R
451	Oud Gastel	5 wind turbines (line)	513647N 0042749E - 513649N 0042856E	394	400	-
126	Oude Maas	2 high tension masts joined by cables (line)	515028N 0042241E - 515038N 0042249E	348	364	-
127	Pernis	chimney	515248N 0042007E	699	712	OBST/R
129	Pernis	chimney	515302N 0042154E	699	712	OBST/R
133	Pernis	chimney	515235N 0042030E	384	397	-
134	Pernis	chimney	515249N 0042020E	361	374	-
135	Pernis	chimney	515306N 0042153E	410	423	-
136	Pernis	2 chimneys	515305N 0042204E	329	341	-
137	Pernis	chimney	515240N 0042022E	329	341	-
138	Pernis	flare stack ⁷⁾	515256N 0042032E	410	423	-
139	Pernis	flare stack ⁷⁾	515258N 0042208E	371	384	-
140	Pernis	chimney	515241N 0042028E	361	374	-
141	Pernis	flare stack ⁷⁾	515256N 0042222E	329	341	-
142	Pernis	flare stack ⁷⁾	515313N 0042105E	329	341	-
418	Philipsdam	mast	513959N 0040953E	328	348	-
443	Reusel	5 wind turbines (line)	512026N 0050809E - 511924N 0050815E	492	587	-
145	Rijen	antenna mast	513634N 0045532E	329	335	OBST/R
428	Rilland, Kreekraksluis	31 wind turbines (area)	512741N 0041331E - 512715N 0041356E - 512413N 0041437E - 512427N 0041352E - 512741N 0041331E	426	443	OBST/day FLG W, night FLG R
147	Roermond	concrete tower with tube mast	511102N 0055832E	507	581	OBST/R
148	Roermond	chimney	511018N 0060239E	328	416	OBST/R
149	Roosendaal	concrete tower with mast	513123N 0042740E	427	440	OBST/R
472	Roosendaal	3 wind turbines (line)	513345N 0042656E - 513317N 0042615E	492	499	OBST/day FLG W, night FLG R
150	Rotterdam	concrete tower with mast	515233N 0042655E	656	669	OBST/R
151	Rotterdam	building	515438N 0042810E	377	390	OBST/R

Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT
ID	Location			AGL	AMSL	Type/Colour
1		2	3	4		5
152	Rotterdam	concrete tower with tube mast	515420N 0042800E	597	607	OBST/FLG W
153	Rotterdam	chimney	515437N 0042538E	417	427	-
154	Rotterdam	building	515444N 0042552E	348	361	-
156	Rotterdam	building	515528N 0042821E	551	547	OBST/R
157	Rotterdam	building	515530N 0042843E	344	358	-
159	Rotterdam	bridge	515433N 0042916E	456	459	illuminated
160	Rotterdam	building	515412N 0042905E	417	427	-
162	Rotterdam	building	515521N 0042817E	492	489	OBST/FLG W
205	Rotterdam	building	515414N 0042908E	500	512	OBST/R
330	Rotterdam	building	515418N 0042916E	525	538	OBST/R
331	Rotterdam	building	515432N 0042936E	600	613	OBST/R and FLG W
332	Rotterdam	building	515501N 0042919E	413	423	OBST/R
344	Rotterdam	building	515441N 0042811E	400	413	OBST/R
416	Rotterdam	building	515426N 0042919E	489	505	OBST/R
478	Rotterdam	building	515520N 0042807E	420	417	OBST/R
484	Rotterdam	building	515504N 0042906E	410	422	OBST/R
485	Rotterdam	building	515504N 0042901E	348	361	-
572	Rotterdam	building	515505N 0042914E	364	373	OBST/R
587	Rotterdam	building	515437N 0042851E	705	715	OBST/FLG R
613	Rotterdam	crane	515508N 0042902E	341	354	OBST/R
614	Rotterdam	crane	515519N 0042850E	682	682	OBST/R
620	Rotterdam	crane	515517N 0042842E	387	380	OBST/R
163	Rozenburg	flare stack ⁸⁾	515248N 0041512E	518	518	OBST/R
468	Rozenburg	9 wind turbines (line)	515746N 0040819E - 515633N 0041046E	633	653	OBST/day FLG W, night R
165	Sas van Gent	antenna mast	511325N 0035137E	329	335	-
166	Schiphol	concrete tower	521827N 0044545E	330	320	OBST/R
465	Schouwen-Duiveland	4 wind turbines (area)	513917N 0034327E - 513917N 0034342E - 513906N 0034338E - 513906N 0034323E - 513917N 0034327E	394	410	-
507	Schouwen-Duiveland, Windpark Krammer	34 wind turbines (area)	514039N 0040849E - 514043N 0040903E - 513951N 0041050E - 513938N 0041057E - 513859N 0041047E - 513852N 0041027E - 513931N 0040818E - 513944N 0040818E - 514039N 0040849E	581	597	OBST/day FLG W, night R
452	Sint-Annaland	5 wind turbines (line)	513626N 0040313E - 513643N 0040430E	410	414	-
167	Sliedrecht	2 high tension masts joined by cables (line)	514850N 0044816E - 514912N 0044815E	469	469	OBST/R
168	Sliedrecht	2 high tension masts joined by cables (line)	514749N 0044819E - 514811N 0044818E	469	469	OBST/R
169	Sliedrecht	2 high tension masts joined by cables (line)	514913N 0044440E - 514930N 0044439E	338	341	-
171	Smilde	concrete tower with tube mast	525410N 0062413E	994	1033	OBST/R
590	Staphorst	mast	523743N 0061428E	429	436	OBST/FLG R
477	Steenbergen, Windpark Nieuw Prinsenland	7 wind turbines (line)	513825N 0042341E - 513732N 0042510E	473	492	-
172	Steenwijk	antenna mast	524744N 0061156E	367	381	OBST/R
619	Strijensas	4 wind turbines (area)	514319N 0043626E - 514305N 0043619E - 514301N 0043556E - 514316N 0043602E - 514319N 0043626E	679	676	OBST/day W, night R

ENR 5.5 AERIAL SPORTING AND RECREATIONAL ACTIVITIES**1 MLA ACTIVITIES**

MLA ACTIVITIES			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
Beverwijk 522851N 0044147E*	1000 FT AMSL	Moonair Sint Aagtendijk 10 1947 PH Beverwijk TEL: +31 (0)6 2276 1416 TEL: +31 (0)6 4454 4647	Also (powered) paragliding ¹⁾ . Daily UDP
Middenmeer 524857N 0050122E	INFO not AVBL	See EHMM AD 2.2	See EHMM AD 2.3
OOSTWOLD/Oostwold 531231N 0070158E	INFO not AVBL	See EHOW AD 2.2	See EHOW AD 2.3
Stadskanaal 525955N 0070122E	INFO not AVBL	See EHST AD 2.2	See EHST AD 2.3
WEERT/Budel 511516N 0053603E	INFO not AVBL	INFO not AVBL	INFO not AVBL
¹⁾ Paragliders may be launched up to the height in column 2 before releasing the winch cable. The winch cable forms an almost invisible obstacle APRX 1 NM around the geographical position.			

2 GLIDER ACTIVITIES

GLIDER ACTIVITIES			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
AMELAND/Ameland 532706N 0054038E	2000 FT AAL	TEL: +31 (0)519 554 030	Ameland Radio: 118.355 Daily UDP
ARNHEM/Deelen 520335N 0055219E	2300 FT AAL	Zweefvliegclub Deelen/Rotterdam TEL: +31 (0)6 8156 7589	COM CH: 123.355 Daily UDP
Axel 511520N 0035329E	2300 FT AAL	Eerste Zeeuws Vlaamse Aero Club TEL: +31 (0)115 562 066	COM CH: 123.355 Daily UDP
BERGEN OP ZOOM/Woensdrecht 512656N 0042032E	2000 FT AAL	West Brabantse Aero Club TEL: +31 (0)6 4386 0664	COM CH: 122.480 Daily UDP
Biddinghuizen 522545N 0054027E	1500 FT AMSL	Zweefvliegclub Flevo TEL: +31 (0)321 332 424	COM CH: 130.130 Daily UDP
BREDA/Gilze-Rijen 513403N 0045555E	2300 FT AAL	GLC Illustrious TEL: +31 (0)6 5759 7339	COM CH: 123.380 Daily UDP, outside AD OPR HR
Castricum 523212N 0043736E	1500 FT AAL	Eerste Zaanse Zweefvlieg Club TEL: +31 (0)251 651 626	COM CH: 123.505 Daily UDP
<ul style="list-style-type: none"> Glider area Castricum 1 523800N 0043546E - 523742N 0044441E - 523404N 0044244E - 523119N 0044033E - along clockwise arc (radius 2 NM, centre 523212N 0043736E) - 523154N 0043422E - 523511N 0043507E - 523800N 0043546E. 	1500 FT AMSL 1300 FT AMSL	NA	When active, glider area Castricum 1 is airspace class G. All aircraft not participating in the glider activities are strongly recommended to stay clear of the glider area.
<ul style="list-style-type: none"> Glider area Castricum 2 523403N 0043631E - 523511N 0043507E - 524352N 0043708E - 524506N 0044839E - 523404N 0044244E - 523403N 0043631E. 	2500 FT AMSL 1500 FT AMSL	NA	When active, glider area Castricum 2 is airspace class G. All aircraft not participating in the glider activities are strongly recommended to stay clear of the glider area.
DEVENTER/Teuge 521441N 0060248E	1700 FT AAL	ZVC Teuge TEL: +31 (0)6 2844 5845	Teuge Radio: 121.005 Daily UDP
<ul style="list-style-type: none"> Glider pilots who are not familiar with the local soaring and/or landing procedures shall contact the residential gliding club. Gliders may be launched up to the height in column 2 before releasing the winch cable. The winch cable forms an almost invisible obstacle APRX 1 NM around the geographical position. 			

GLIDER ACTIVITIES			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
De Voorst 524105N 0055438E	1700 FT AAL	Zweefvliegclub Noordoostpolder TEL: +31 (0)527 201 364	COM CH: 122.480 Daily UDP
ENSCHDEDE/Twente 521633N 0065321E	2200 FT AMSL	Twentsche Zweefvlieg Club TEL: +31 (0)6 3134 6068	Twente Radio: 119.955 Daily UDP
Haamstede 514232N 0034244E	2300 FT AAL	ZC Haamstede TEL: +31 (0)6 2808 2295	COM CH: 122.505 Daily UDP
HILVERSUM/Hilversum 521131N 0050849E	2300 FT AAL	Gooise Zweefvliegclub TEL: +31 (0)35 577 1353	COM CH: 122.480 Daily UDP
HOOGEVEEN/Hoogeveen 524351N 0063058E	2300 FT AAL	Vliegclub Hoogeveen TEL: +31 (0)6 5496 2669	COM CH: 122.505 Hoogeveen Radio: 127.355 Daily UDP
Langeveld 521752N 0043049E	1500 FT AAL	Kennemer Zweefvlieg Club TEL: +31 (0)6 8241 9227	COM CH: 123.355 Daily UDP
LEEUWARDEN/Leeuwarden 531331N 0054509E	2000 FT AAL	Friese Aero Club TEL: +31 (0)6 5193 6199	COM CH: 123.355 Daily UDP, outside AD OPR HR
Lemelerveld 522804N 0061958E	2300 FT AAL	Aero Club Salland TEL: +31 (0)527 371 543	COM CH: 122.505 Daily UDP
Malden 514709N 0055248E	2300 FT AAL	Nijmeegse Aeroclub TEL: +31 (0)6 5145 6983 TEL: +31 (0)6 4266 2982	COM CH: 123.355 Daily UDP
MIDDELBURG/Midden Zeeland 513044N 0034352E	2000 FT AAL	Stichting Samenwerkende Zweefvliegers Midden Zeeland TEL: +31 (0)113 612 528	Midden-Zeeland Radio: 119.255 Daily UDP
Nistelrode 514100N 0053258E	2000 FT AAL	Aeroclub Nistelrode TEL: +31 (0)41 261 1897	COM CH: 129.980 Daily UDP
Noordkop 525343N 0050018E	2300 FT AAL	Zweefvliegcentrum Noordkop Hippolytushoeverweg 15a 1774 MK Slootdorp TEL: +31 (0)6 2253 7070	COM CH: 123.380 Daily UDP
OOSTWOLD/Oostwold 531231N 0070158E	NA	See EHOW AD 2.2.	No winch launching Oostwold Radio: 118.330 Daily UDP
Schinveld 505855N 0060009E	2000 FT AAL	Eerste Limburgse Zweefvliegclub TEL: +31 (0)45 525 1886	COM CH: 123.505 Daily UDP
Soesterberg 520802N 0051551E	2300 FT AAL	Amsterdamsche Club voor Zweefvliegen TEL: +31 (0)6 4824 2258	COM CH: 129.980 Daily UDP
Terlet 520326N 0055528E	2300 FT AAL	See EHTL AD 2.2.	Terlet Radio: 130.130 Daily UDP
TEXEL/Texel 530655N 0045001E	NA	Zweefvliegclub Texel TEL: +31 (0)222 311 267	No winch launching Texel Radio: 119.305 Daily UDP
UDEN/Volkel 513926N 0054228E	2300 FT AAL	ZVC Volkel TEL: +31 (0)6 2265 3764	COM CH: 122.505 Daily UDP
<ul style="list-style-type: none"> Glider area Hoek van Holland 520617N 0041345E; 520327N 0041745E; along anticlockwise arc (radius 8 NM, centre 515725N 0042614E) to 515840N 0041327E; 515920N 0040640E; 520049N 0040603E; to point of origin. 	2500 FT AMSL 1500 FT AMSL	NA	When active, glider area Hoek van Hol- land is airspace class G. All aircraft not participating in the glider activities are strongly recommended to stay clear of the glider area.
<ul style="list-style-type: none"> Glider area Valkenburg 521223N 0042138E; 520722N 0042847E; 520523N 0042517E; along anticlockwise arc (radius 8 NM, centre 515725N 0042614E) to 520327N 0041745E; 520617N 0041345E; to point of origin. 	2500 FT AMSL 1500 FT AMSL	NA	When active, glider area Valkenburg is airspace class G. All aircraft not participating in the glider activities are strongly recommended to stay clear of the glider area.
<ul style="list-style-type: none"> Glider pilots who are not familiar with the local soaring and/or landing procedures shall contact the residential gliding club. Gliders may be launched up to the height in column 2 before releasing the winch cable. The winch cable forms an almost invisible obstacle APRX 1 NM around the geographical position. 			

HANG- OR PARAGLIDER ACTIVITIES			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
Nieuwkoop 520825N 0044529E*	1200 FT AMSL	SkyGliders Aarlanderveenseweg 1 2421 LH Nieuwkoop TEL: +31 (0)6 2453 2026	Daily UDP
Nieuw-Schoonebeek 523828N 0070049E*	1500 FT AMSL	Deltavliegschool Randonaero Adventures Europaweg 233 7766 AH Nieuw-Schoonebeek TEL: +31 (0)6 4128 0091	Daily UDP
Nieuwvliet 512203N 0032720E*	3000 FT AMSL	Vliegerterrein Nieuwvliet St. Jansdijk 1 4504 PB Nieuwvliet TEL: +31 (0)6 5132 6550	Daily UDP
Noordeloos 515454N 0045638E*	1500 FT AMSL	Maurik Paragliding Tiendweg 5b 4225 PN Noordeloos TEL: +31 (0)85 049 5569	Daily UDP
Numansdorp 514511N 0042720E*	1500 FT AMSL	Vereniging Paragliding Club Sky Rebels Lange Biesakkersweg 1-3 3281 NA Numansdorp TEL: +31 (0)6 5475 7845 TEL: +31 (0)6 5314 0864	Daily UDP
Rinsemageest 531815N 0055626E*	1500 FT AMSL	AA Paragliding Holland Wiereweg 30 9105 AW Rinsemageest TEL: +31 (0)6 2237 8430	Daily UDP
Sas van Gent 511702N 0034710E*	3500 FT AMSL	Paragliding Team Zeeland Vissen 1 4501 HW Oostburg TEL: +31 (0)6 5158 7606	Daily UDP
Schalkwijk (Houten) 515855N 0051106E*	1500 FT AMSL	AA Paragliding Holland Achterdijk 9 3998 NE Schalkwijk (Houten) TEL: +31 (0)6 5380 3713 TEL: +31 (0)6 2713 6933	Daily UDP
Sibculo 522952N 0063841E*	1500 FT AMSL	Paraglidingsschool Inferno Kloosterstraat 16 7693 TB Sibculo TEL: +31 (0)6 2040 5019	Daily UDP
Stegeren 523333N 0062936E*	1500 FT AMSL	Eurofly Paragliding Ondersloot Noord 1 7737 PX Stegeren TEL: +31 (0)6 5466 3893 Vechtdal Paragliding TEL: +31 (0)6 1613 7237	FRI, SAT, SUN: during UDP.
Sterksel 512044N 0053813E*	1500 FT AMSL	Action Paragliding Pandijk 14 6029 PA Sterksel TEL: +31 (0)6 4686 6936	Daily UDP
Terheijden 513849N 0044719E*	1500 FT AMSL	Sky Rebels / De Wolkenkrab- bers Zicht 10 4822 AN Breda TEL: +31 (0)6 3872 6222	Daily UDP
Toldijk 520200N 0061327E*	1500 FT AMSL	Gelderse Schermvliegers Muizengat 5-3 7227 DN Toldijk TEL: +31 (0)6 1730 6644	Daily UDP
Veldhoek 520220N 0062510E*	1500 FT AMSL	Achterhoekse Vliegers XCC Klaverdijk 7025 CH Halle TEL: +31 (0)6 2044 5215	Daily UDP

Hang- or paragliders may be launched up to the height in column 2 before releasing the winch cable. The winch cable forms an almost invisible obstacle APRX 1 NM around the geographical position.

HANG- OR PARAGLIDER ACTIVITIES			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
Vlijmen 514033N 0051239E*	1500 FT AMSL	Zuidnederlandse Zeil- vliegvereniging De Buizerd Vendreef 4 5251 KL Vlijmen TEL: +31 (0)6 5129 1625	FRI 1600 - MON 0600 (FRI 1500 - MON 0500) and HOL during UDP.
Wänswert 531853N 0055039E*	1200 FT AMSL	Vliegerterrein Wänswert Patroanswei 3 9178 GV Wänswert TEL: +31 (0)6 2237 8430 TEL: +31 (0)6 1507 6253	Daily UDP
Winterswijk 515837N 0064658E*	1500 FT AMSL	Skyclub Holland Ratumseweg 26 7106 CH Winterswijk TEL: +31 (0)6 5334 0488	Daily UDP
Winterswijk 515706N 0064636E*	1500 FT AMSL	Skyclub Holland Vosseveldseweg 8 7107 AD Winterswijk TEL: +31 (0)6 5334 0488	Daily UDP
Zeddam 515453N 0061630E*	1500 FT AMSL	Maurik Paragliding Vinkeboeksestraat 12 7038 EK Zeddam TEL: +31 (0)85 049 5569	Daily UDP
Zelhem 520109N 0061906E*	1500 FT AMSL	Maurik Paragliding Velswijkweg 5a 7021 LM Zelhem TEL: +31 (0)85 049 5569	Daily UDP
Zweeloo 524844N 0064510E*	1500 FT AMSL	Deltavliegschool Randonaero Adventures Broekstukkenweg 4 7841 TE Zweeloo TEL: +31 (0)6 4128 0091	Daily UDP
Hang- or paragliders may be launched up to the height in column 2 before releasing the winch cable. The winch cable forms an almost invisible obstacle APRX 1 NM around the geographical position.			

4 OCCASIONAL ACTIVITIES

OCCASIONAL ACTIVITIES			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
Akkrum 530315N 0054741E*	NIL	INFO not AVBL	MLA and powered paragliding ¹⁾ Daily UDP
Akkrum 530303N 0054828E*	NIL	INFO not AVBL	MLA and powered paragliding ¹⁾ Daily UDP
Akkrum 530326N 0054937E*	NIL	INFO not AVBL	MLA and powered paragliding ¹⁾ Daily UDP
Arum 530817N 0053050E*	NIL	INFO not AVBL	MLA Daily UDP
Arum 530802N 0052954E*	NIL	INFO not AVBL	Powered paragliding Daily UDP
Cabauw 515816N 0045317E*	NIL	INFO not AVBL	Gyrocopters Daily UDP
Ede 520346N 0053845E*	NIL	INFO not AVBL	MLA Daily UDP
Eibergen 520631N 0063714E*	NIL	INFO not AVBL	Powered paragliding Daily UDP
Emmer-Compascuum 524853N 0070013E*	NIL	INFO not AVBL	MLA Daily UDP
Empe 520830N 0060618E*	NIL	INFO not AVBL	Powered paragliding Daily UDP
Listed aerodromes and sites are for private use by the operator and guests only, with a limited number of users at the same time and a limited number of take-offs and landings each year. This list of occasional activities may not be complete.			
¹⁾ Not used simultaneously with another site in Akkrum.			
²⁾ Not used simultaneously with another site in Ypecolsga.			
³⁾ Not used simultaneously with another site in Tirns.			

PARACHUTE JUMPING EXERCISE AREAS			
Designation and lateral limits	Vertical limits	Operator/User TEL NR	Remarks and time of ACT
1	2	3	4
Hilversum Circle, radius 2 NM, centre 521131N 0050849E.	FL 060	PCMN TEL: +31 (0)35 577 1000	Daily UDP
Westbroek Circle, radius 2 NM, centre 520808N 0050751E.	FL 060	PCMN TEL: +31 (0)35 577 1000	Daily UDP
Wijk bij Duurstede Circle, radius 2 NM, centre 515915N 0051807E.	FL 060	PCMN TEL: +31 (0)35 577 1000	Daily UDP
<ul style="list-style-type: none"> Climb-out area cluster Utrecht 520900N 0050425E; 521008N 0050752E; 521159N 0051552E; 521031N 0051836E; 520903N 0051835E; 520553N 0051606E; 520052N 0052459E; 515740N 0052020E; 520251N 0051344E; 520900N 0050425E. 	FL 060 GND	NA	During activation of jumping areas Baarn, Hilversum, Westbroek, and Wijk bij Duurstede.
CLUSTER ZEELAND			
Oud Sabbinge Circle, radius 2 NM, centre 513124N 0034703E.	FL 120	Skydive Zeeland TEL: +31 (0)113 612 910	Daily UDP
's Heer Arendskerke Circle, radius 2 NM, centre 512956N 0034707E.	FL 120	Skydive Zeeland TEL: +31 (0)113 612 910	Daily UDP
Zuid van Midden-Zeeland Circle, radius 2 NM, centre 513026N 0034437E.	FL 120	Skydive Zeeland TEL: +31 (0)113 612 910	Daily UDP
<ul style="list-style-type: none"> In each cluster only one parachute jumping area (location) can be used at the same time. Listed aerodromes and sites are for regular parachute jumping (including free fall parachuting). Listing a site or aerodrome does not imply any right to use that site or aerodrome. Parachute jumping exercise climb-out areas: a radius of 5 NM around the centre point and vertical limits as the exercise area, unless otherwise specified. 			

7 MANNED FREE BALLOON FLIGHTS

7.1 Aerodromes

For the following civil aerodromes balloon ascents are allowed under certain conditions:

- AMELAND/Ameland
- BREDASeppe
- DEVENTER/Teuge
- HILVERSUM/Hilversum
- HOOGEVEEN/Hoogeveen
- MAASTRICHT/Maastricht Aachen
- MIDDELBURG/Midden-Zeeland
- OOSTWOLD/Oostwold
- TEXEL/Texel
- WEERT/Budel

The conditions have been laid down in the decree of designation of the aerodromes in question. For ascents from these aerodromes permission from the airport manager is needed. For ascents from Hilversum aerodrome the balloonist will also need exemption from clause 34 of the Dutch Aviation Law.

A request for exemption can be submitted via email to the following address:

Email: ilt-loket-dm@ilent.nl

For ascents from any aerodrome not mentioned in the list above, an early application for permission shall be made to the aerodrome authority, since this authority will in turn timely need to request exemption from clause 33 of the Dutch Aviation Act. Moreover the balloonist will have to request exemption from clause 34 himself (see above).

For ascents from a military aerodrome permission from the aerodrome commander shall be obtained at least three weeks in advance.

7.2 Areas other than aerodromes

No exemption is required for balloon ascents from areas other than aerodromes, providing that the ascents are carried out in accordance with the rules concerning the use of areas other than aerodromes (Regulation of 14 oktober 1988 [changed on December 29th, 1997]). All balloonists are expected to know these rules.

If a balloon ascent can not be carried out in accordance with the rules named above, exemption from clause 14 of the Dutch Aviation Act shall be requested. Requests for exemptions must have been received at least **14 days** in advance. A request for exemption can be submitted via email to the following address:

Email: ilt-loket-dm@ilent.nl

7.3 Crossing circuit areas

Avoid the circuit areas of uncontrolled aerodromes during the balloon flight. If crossing the circuit area can not be avoided the balloonist should co-ordinate this with the airport manager by telephone.

For safety reasons you are strongly advised to keep two-sided radio contact with the airport manager when flying close to or crossing the circuit area of an uncontrolled aerodrome.

7.4 Permission from air traffic services for flights within local control zones (CTRs)

7.4.1 Initial permission

If an ascent or planned landing will take place within a CTR, initial permission needs to be requested by telephone at least 4 hours in advance from the appropriate air traffic service.

The following conditions apply:

	With whom?	Required information
Civil and military CTRs	Head of the local air traffic service or his deputy	Balloon registration marks, place of departure, expected (date) time of ascent and maximum level of the flight.

Note: taking into account the nature of balloon flights and the amount of traffic in the Schiphol CTR, permission for ballooning within the Schiphol CTR will most likely not be given.

The initial permission may come with further conditions and/or restrictions with respect to (amongst others):

- Flight altitude;
- Two-way radio communication;
- The presence of a transponder and/or radar reflectors;
- Possible other or supplementary agreements concerning the filing of the flight plan;
- Contact with the relevant air traffic service before the final permission (see paragraph 7.4.2)

7.4.2 Final permission

To receive the final permission the captain should phone the following authorities within 15 minutes before the ascent:

	With whom?	Required information
Civil and military CTRs	Head of the local air traffic service or his deputy	Place of ascent, height, wind direction and force, possible influence on departure and arrival routes, and expected traffic intensity.
Military CTRs outside OPR HR	Centre supervisor MILATCC Schiphol or his deputy	Place of ascent, height, wind direction and force, possible influence on departure and arrival routes, and expected traffic intensity.

Note: it is recommended to request initial permission before beginning other pre-flight preparations.

The final permission may come with further conditions with respect to (amongst others):

- Clearance limit;
- Telephonic request of lift off clearance and/or report immediately following lift off;
- Procedure to follow if no radio contact has been established before reaching a height of 500 FT AGL;
- Reporting end of flight.

7.5 Flight plans and accessibility

The flight plan needs to be filed in accordance with the rules laid down in the AIP ENR 1.10 (Ref. Regeling Vliegplannen of September 15th, 1998, NR. DGR/LD/JBZ/L98.210524). VFR flight plans for a balloon flight from a designated aerodrome have to be filed at the ARO concerned; for flights from a non-designated aerodrome this should be done at the Amsterdam FSC or the flight data NOTAM office (Mil FDNO EHMC) at MILATCC Schiphol. Filing a flight plan is obligatory (Ref. article 31 LVR, first paragraph) for controlled flights and:

- each controlled VFR flight within airspace class A, B or C;
- each flight in areas or along routes for which the Ministry of Infrastructure and Water Management has stated a flight plan is required;
- each international VFR flight.

Filing a flight plan for flights within local ATS airspace (class C) is obligatory, unless the relevant air traffic service has agreed otherwise by telephone (see paragraph 7.4.1).

It is always possible to file a flight plan for a VFR flight if the captain finds it advisable with regard to facilitating search and rescue missions in case of an accident (Ref. article 31 LVR, third paragraph).

An important issue with the flight plan is closing it by means of an arrival report. It is of the utmost importance to make sure the arrival report can be submitted to the relevant authority within 30 minutes after the end of the flight. An overdue arrival report may result in unnecessary search and rescue missions and is as such an offence - as is not submitting an arrival report at all (Ref. article 63 LVR). The arrival can be reported by telephone to the relevant ARO or FIC. The captain is therefore required to make sure he can report the landing from the landing site.

If the captain decides to cancel or postpone the flight or to carry it out differently, he remains responsible for submitting the correct flight plan data to the air traffic services involved. This means he is responsible for sending the necessary data according to the applicable rules (ENR 1.10) (Ref. article 31 LVR, first paragraph).

Item 9 (aircraft type designator) of the flight plan should read "BALL".

ENR 5.6 BIRD MIGRATION AND AREAS WITH SENSITIVE FAUNA

1 BIRD MIGRATION

1.1 General

Birds migrate year-round in a broad front over the Netherlands, with dense migratory routes along the coastal region and the Dutch-German border. Birds also commute between sleeping/breeding and foraging sites all year round and in all regions of the Netherlands. Colliding with birds, especially large and or flocking ones, could jeopardize the safety of the aircraft, its crew and passengers.

1.2 Spring migration

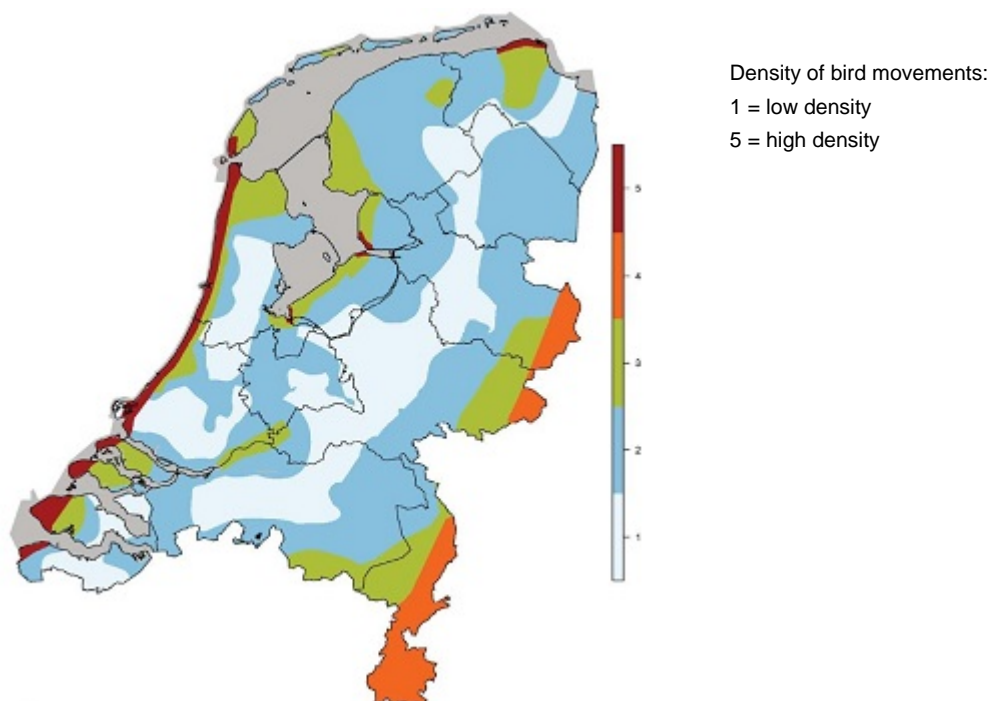
Spring migration takes place in the months March, April and May and peaks during strong SW/W winds. Migration is less likely during periods of rain.

1.3 Autumn migration

Autumn migration takes place in the months mid-August, September, October and Mid-November and peaks during strong NE/E winds. Migration is less likely during periods of rain.

1.4 Migration altitudes

High bird densities occur up to altitudes up to 6000 FT AGL during the night and 4000 FT AGL during the day. Local bird movements around sunrise and sunset occur up to altitudes of 1000 FT AGL.



1.5 Bird migration forecast

The FlySafe Bird Avoidance Model (<https://www.flysafe-birdtam.eu>) provides near real-time and forecast information on large scale bird movements over Belgium, Germany and the Netherlands. The data are disseminated via BIRDTAMs (bird notice to airmen) to military pilots.

1.6 Reporting of bird strikes

To achieve more comprehensive statistics of bird strikes, the Civil Aviation Administration is collecting information on bird strikes. All pilots on flights within Amsterdam FIR are therefore requested to report all cases of bird strikes or incidents where a risk of bird strike has been present. Information about the reporting process can be found on <https://www.ilent.nl/onderwerpen/voorvallen-luchtvaart>.

2 AREAS WITH SENSITIVE FAUNA

2.1 General

Sensitive fauna are animals that are sensitive to disturbance by human activities like, among others, overflying aircraft:

- birds breeding in colonies;
- birds congregating in large flocks, and
- seals.

2.2 Minimum flight altitude

To avoid disturbing sensitive fauna, pilots are strongly advised not to cross areas with sensitive fauna below 1000 FT AGL. The areas with large flocks of birds and/or seals are depicted on chart ENR 6-5.3 and on aerodrome visual approach charts. In paragraph 3 all locations of these areas are listed by name, including the season and the minimum altitude to cross these areas.

2.3 Waddenzee

2.3.1 Minimum flight altitude

To protect the sensitive fauna in the Waddenzee, by Decree the following applies:

- motorised civil flights below 1500 FT AGL are prohibited;
- when ceiling < 1500 FT AGL or flight visibility < 8 KM, flights between 1000 FT AGL and 1500 FT AGL are allowed within the corridors depicted on chart ENR 6-5.3.

These altitude restrictions do not apply to:

- that part of the flight necessary to depart from or land at an aerodrome, as well as the part necessary to follow a prescribed traffic pattern and/or departure or arrival procedure;
- flights in an emergency situation;
- helicopters encountering icing-conditions, and
- the following special flights:
 - search and rescue as well as HEMS operations;
 - inspection flights or flights in pursuit;
 - pipeline control flights;
 - power lines control flights;
 - survey flights in the interest of public health, supervision or science;
 - flights for shooting films or taking photographs, in the interest of news provision and or public relations.

Note: the above-mentioned flights are only exempted if they are executed by companies/bodies or pilots formally authorized for these activities.

2.3.2 Application for permits

For flights below 1500 FT AGL in the Waddenzee area, two permits are required:

- A low flying permit can be applied for at:
<https://www.ilent.nl/documenten/formulieren/2015/01/20/formulier-aanvraag-ontheffing-op-besluit-luchtverkeer-2014>
- A permit under the Nature Conservation Act can be applied from the province where the flight is planned (if the flight is planned above the entire Waddenzee area, Friesland will coordinate the request).
 - Friesland, by email: wmb@fryslan.frl
 - Groningen, by email: loketVTH@provinciegroningen.nl
 - Noord-Holland, by digital form:
https://www.odnhn.nl/Menu/Natuur/Gebiedsbescherming/Melding_of_vergunning/Formulieren/Meldingsformulier_start_werkzaamheden_gebieden

2.4 Zeeland Delta

In view of the protection of the sensitive fauna in the Zeeland Delta, flights above the following areas are prohibited below 1000 FT AGL:

- Grevelingen;
- Haringvliet;
- Hollands Diep;
- Oosterschelde;
- Veerse Meer;
- Westerschelde & Saeftinghe.

3 AREAS WITH SENSITIVE FAUNA

NR	Location	Season		Remarks
		Birds	Seals	
1	2	3	4	5
1	Abtskolk & De Putten	W	-	¹⁾
2	Alde Feanen	Y	-	¹⁾
3	Arkemheen	W	-	¹⁾
4	Bargerveen	W	-	¹⁾
5	Biesbosch	Y	-	¹⁾
6	Boezems Kinderdijk	S	-	¹⁾
7	De Wieden	Y	-	¹⁾
8	De Wilck	W	-	¹⁾
9	Deelen	Y	-	¹⁾
10	Deurnsche Peel & Mariapeel	W	-	¹⁾
11	Donkse Laagten	W	-	¹⁾
		S = summer: APR-SEP. W = winter: OCT-MAR. Y = year-round.		¹⁾ Strongly advised not to cross below 1000 FT AGL.

NR	Location	Season		Remarks
		Birds	Seals	
1	2	3	4	5
12	Duinen en Lage Land Texel	S	Y	¹⁾
13	Duinen Goeree & Kwade Hoek	W	Y	¹⁾
14	Duinen Terschelling	S	Y	¹⁾
15	Duinen Vlieland	S	Y	¹⁾
16	Dwingelderveld	W	-	¹⁾
17	Eemmeer & Gooimeer Zuidoever	Y	-	¹⁾
18	Engbertsdijksvenen	W	-	¹⁾
19	Fochteloërveen	W	-	¹⁾
20	Grevelingen	Y	Y	Prohibited to cross below 1000 FT AGL.
21	Groote Peel	W	-	¹⁾
22	Groote Wielen	W	-	¹⁾
23	Haringvliet	Y	-	Prohibited to cross below 1000 FT AGL.
24	Hollands Diep	Y	-	Prohibited to cross below 1000 FT AGL.
25	IJsselmeer	Y	-	¹⁾
26	Ilperveld, Varkensland, Oostzanerveld & Twiske	Y	-	¹⁾
27	Kampina & Oisterwijkse Vennen	W	-	¹⁾
28	Ketelmeer & Vossemeer	W	-	¹⁾
29	Krammer-Volkerak	Y	-	¹⁾
30	Lauwersmeer	Y	-	¹⁾
31	Leekstermeergebied	W	-	¹⁾
32	Lepelaarplassen	Y	-	¹⁾
33	Markermeer & IJmeer	Y	-	¹⁾
34	Markiezaat	Y	-	¹⁾
35	Naardermeer	Y	-	¹⁾
36	Nieuwkoopse Plassen & De Haeck	Y	-	¹⁾
37	Noordzeekustzone	S	Y	¹⁾
38	Oostelijke Vechtplassen	Y	-	¹⁾
39	Oosterschelde	Y	Y	Prohibited to cross below 1000 FT AGL.
40	Oostvaardersplassen	Y	-	¹⁾
41	Oudegaasterbrekken, Fluessen en omgeving	W	-	¹⁾
42	Oudeland van Strijen	W	-	¹⁾
43	Polder Zeevang	W	-	¹⁾
44	Rijntakken	Y	-	¹⁾
45	Sneekstermeergebied	W	-	¹⁾
46	Uiterwaarden Zwarte Water en Vecht	W	-	¹⁾
47	Van Oordt's Mersken	W	-	¹⁾
48	Veerse Meer	Y	-	Prohibited to cross below 1000 FT AGL.
49	Veluwerandmeren	W	-	¹⁾
50	Voordelta	-	Y	¹⁾
51	Voornes Duin	S	-	¹⁾
52	Waddenzee	Y	Y	Prohibited to cross below 1500 FT AGL.
53	Weerribben	S	-	¹⁾
54	Westerschelde & Saeftinghe	Y	Y	Prohibited to cross below 1000 FT AGL.
55	Witte en Zwarte Brekken	W	-	¹⁾
56	Yerseke en Kapelse Moer	W	-	¹⁾
57	Zoommeer	Y	-	¹⁾
58	Zouweboezem	S	-	¹⁾
59	Zuidlaardermeergebied	W	-	¹⁾
60	Zwarte Meer	Y	-	¹⁾
		S = summer: APR-SEP. W = winter: OCT-MAR. Y = year-round.		¹⁾ Strongly advised not to cross below 1000 FT AGL.

Reference	Deviation	Related AIP section
1	2	3
CS ADR-DSN.Q.848 (a)	Obstacle lights on the central air traffic control tower are low intensity lights.	EHAM AD 2.10
Electrical systems – monitoring		
CS ADR-DSN.S.890 (d)	Aeronautical ground lights are not monitored fully automatic.	NIL
CS ADR-DSN.S.890 (e)	No full warning of aeronautical ground lights malfunction is sent to ATS unit.	NIL
Siting of equipment and installations on operational areas		
CS ADR-DSN.T.915 (b)(1)	Several objects within the taxiway strips do not serve the purpose of air navigation or aircraft safety.	NIL

EHAM AD 2.21 NOISE ABATEMENT PROCEDURES

1 GENERAL

The following departure and arrival procedures have proved to be highly efficient in respect of noise abatement in the vicinity of Schiphol Airport. Aircraft may deviate from these procedures for safety reasons or otherwise instructed by ATC.

2 DEPARTURES (JET AIRCRAFT ONLY)

2.1 Take-off and climb procedure

The use of the noise abatement take-off and climb procedure NADP2 as mentioned in ICAO Doc 8168 Volume III is recommended for all jet aircraft departures from Schiphol Airport. If for operational reasons compliance with the recommended procedure is not possible, NADP1 may be used, but it is imperative to inform Schiphol Delivery if unable to comply with NADP2 as soon as possible via RTF. Adherence to this procedure is automatically monitored.

Note: operators are requested to inform the airport authority on the details of their departure procedure by sending copies of the relevant pages of the aircraft operating manual (AOM) to:

Post: Amsterdam Airport Schiphol
Corporate Development
Strategy & Airport Planning
P.O. Box 7501
1118 ZG Schiphol Airport
The Netherlands
Email: flightprocedure@schiphol.nl

2.2 Minimum noise routing

The standard instrument departure routes as contained in EHAM AD 2.22 paragraph 1.5 avoid residential areas as much as possible and must be considered minimum noise routes.

3 ARRIVALS (ALL AIRCRAFT)

For RWY 06 and RWY 18R RNAV low-noise procedures, continuous descent approach (CDA), for jet aircraft will be used between 2130-0530 (2030-0430), otherwise aircraft will be radar vectored towards interception of final leg at 3000 FT AMSL. Executing a CDA implies that after NIRSI, NARIX or SOKSI a continuously descending flight path without level segments is to be flown in a low power and low drag configuration. A flight path is considered continuously descending when there is no level segment. A segment is considered level if the altitude loss is less than 50 FT over a distance of 2.5 NM. For procedures and exemptions see EHAM AD 2.22 paragraph 2.7.2.

3.1 Reduced flaps

For noise abatement using a reduced flaps landing procedure is recommended. However, use of this procedure is subject to captain's decision and safety prevails at all times.

Note: operators / aircraft types, not able to comply with the mentioned landing procedure, are requested to inform the airport authority by sending copies of the landing procedure in use to:

Post: Amsterdam Airport Schiphol
Corporate Development
Strategy & Airport Planning
P.O. Box 7501
1118 ZG Schiphol Airport
The Netherlands
Email: flightprocedure@schiphol.nl

3.2 ILS available

1. Intercept the ILS using a minimum flap setting with landing gear retracted.
2. Select gear down after passing 2000 FT AMSL.
3. Postpone the selection of the minimum certified landing flap setting until passing 1200 FT AMSL.

3.3 Non precision approach

1. Intercept final leg.
2. Follow a descent path using a minimum flap setting with landing gear retracted which will NOT be lower than 5.2% (3.0 degrees).
3. Select gear down after passing 2000 FT AMSL.
4. Postpone the selection of the minimum certified landing flap setting until passing 1200 FT AMSL.

3.4 Visual approach

1. Intercept the final leg, avoiding populated areas as much as possible.
2. Follow a descent path using a minimum flap setting with landing gear retracted which will NOT be lower than 5.2% (3.0 degrees).
3. Select gear down after passing 2000 FT AMSL.
4. Postpone the selection of the minimum certified landing flap setting until passing 1200 FT AMSL.

4 USE OF RUNWAYS

4.1 General

The most frequently used runways are:

- a. As landing runway: 06, 18R, 36R, 18C, 36C, 27.

2	Vertical limits	<ul style="list-style-type: none"> LELYSTAD CTR 1: GND to 1500 FT AMSL LELYSTAD CTR 2: GND to 2500 FT AMSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	Lelystad Tower English
5	Transition altitude	IFR: 3000 FT AMSL; VFR: 3500 FT AMSL.
6	Hours of applicability	AD OPR HR, see EHLE AD 2.3.
7	Remarks	NIL

EHLE AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel(s)	SATVOICE NR	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	Lelystad Arrival	134.530 120.830	INFO not AVBL INFO not AVBL	INFO not AVBL INFO not AVBL	See AD 2.3 OPR HR.	Primary. At ATC discretion.
TWR	Lelystad Tower	135.180 123.830	INFO not AVBL INFO not AVBL	INFO not AVBL INFO not AVBL	See AD 2.3 OPR HR.	Primary. At ATC discretion.
	Lelystad Delivery	123.680 123.830	INFO not AVBL INFO not AVBL	INFO not AVBL INFO not AVBL	See AD 2.3 OPR HR.	Start-up control and clearance delivery. Preflight information IFR/VFR (incl. training flights). VDF. At ATC discretion.
ATIS	Lelystad Information	120.730	INFO not AVBL	INFO not AVBL	H24	ATIS remains operational outside AD OPR HR.
-	As appropriate.	121.500 243.000	INFO not AVBL INFO not AVBL	INFO not AVBL INFO not AVBL	As appropriate.	Emergency.

EHLE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OPS (VOR/ILS/MLS: declination)	ID	Frequency CH service provider and reference path identifier	Hours of operation	Position of transmitting antenna co-ordinates	Elevation of DME transmitting antenna or GBAS: elevation, ellipsoid height of reference point SBAS: ellipsoid height of LTP/FTP	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
LOC 05 ILS CAT 1/C/1 (2°E/2020)	ILSN	108.550 MHz	H24	522741.7N 0053146.3E	NA	NA	NIL
DME 05	ILSN	CH22Y	H24	522652.2N 0053027.2E	0 FT	NA	Distance DME antenna/THR 05 is 349 M.
GP 05	-	329.750 MHz	H24	522652.2N 0053027.2E	NA	NA	NIL
Lelystad DME	FRO	CH51X	H24	522709.2N 0053029.0E	0 FT	NA	NIL
GPS	NA	L1 1575.42 MHz	H24	NA	NA	NA	NIL
EGNOS	NA	L1 1575.42 MHz ¹⁾	H24	NA	¹⁾	NA	¹⁾ See EHLE AD 2.22 for FAS data block

EHLE AD 2.20 LOCAL AERODROME REGULATIONS

1 IFR ROUTE AVAILABILITY

The IFR departure and arrival routes are **not available** for scheduled and non-scheduled passenger flights UFN. Business aviation and GA operators shall contact airport authority.

2 RUNWAY RESERVATIONS

For more information on the usage of LARSA (Lelystad airport runway scheduling application), see <https://www.lelystadairport.nl>.

3 RESTRICTIONS ON VFR TRAINING FLIGHTS

Use of the VFR training circuit is limited to MON-SUN: 0600-1800 (0500-1700) during UDP.

4 FORMATION TAKE-OFFS AND LANDINGS

Formation take-offs and landings are not allowed except with a pre-arranged operational agreement with ATC. Contact atmprocedureservices@lvnl.nl for such an agreement.

5 GROUND MOVEMENT OPERATIONS

Follow-me service is mandatory on TWYs S, S1, S2, S3, S4, S5 and S7 for aircraft with wingspan > 24 M.