

State	ANSP	Site	ATS-Unit		SYSTEM DESCRIPTION							Location					
			ACC	APP/TWR	System	Type	Supplier	Range	Mode-S capable	Mode-S Operational	Status	Operation date	Lat	Long	Altitude		
Algeria	ENNA	Alger	ACC		ADS-C	Eurocat	Thales										
Algeria	ENNA	Alger	ACC	APP/TWR	PSR	ATCR33S	Selex		80	N/A	N/A	Operational	2001				
Algeria	ENNA	Annaba	ACC	APP/TWR	SSR	SIR-M	Selex		250	no	no	Operational	2001				
Algeria	ENNA	El Bayad	ACC		SSR	SIR-M	Selex		250	no	no	Operational	2001				
Algeria	ENNA	El Poued	ACC		SSR	SIR-M	Selex		250	no	no	Operational	2001				
Algeria	ENNA	Constantine	ACC	APP/TWR	SSR	PSR			60	N/A	N/A	Operational	Project				
Algeria	ENNA	Oran	ACC	APP/TWR	SSR	SIR-M	Selex		60	no	no	Operational	2001				
Algeria	ENNA	Hassi Messaou	ACC		SSR	MSSR			256	yes	no	Operational	Project				
Algeria	ENNA	Illizi	ACC		SSR	MSSR			256	yes	no	Operational	Project				
Algeria	ENNA	In Salah	ACC		SSR	MSSR			256	yes	no	Operational	Project				
Algeria	ENNA	Ghardaia	ACC		SSR	MSSR			256	yes	no	Operational	Project				
Algeria	ENNA	Tamanrasset	ACC	APP/TWR	PSR	PSR			60	yes	no	Operational	Project				
Algeria	ENNA	Tamanrasset	ACC	APP/TWR	SSR	MSSR			256	yes	no	Operational	Project				
Algeria	ENNA	Djanet	ACC		SSR	MSSR			256	yes	no	Operational	Project				
Angola	ENANA	Luanda	ACC		ADS-C	Eurocat	Thales	FIR		N/A	N/A	Project	2014				
Angola	ENANA	Luanda	ACC	APP/TWR	PSR	STAR2000	Thales		60	N/A	N/A	Project	2014				
Angola	ENANA	Luanda	ACC	APP/TWR	SSR	RSM970S	Thales		256	yes	no	Project	2014				
Botswana	CAAB	Gaborone	ACC	APP/TWR	PSR	ASR9	Raytheon		60	N/A	N/A	Operational	1995				
Botswana	CAAB	Gaborone	ACC	APP/TWR	SSR	Condor	Raytheon		256	no	no	Operational	1995				
Botswana	CAAB	Maun	ACC		SSR	Condor	Raytheon		256	no	no	Operational	1995				
Benin	ASECNA	Cotonou	ACC		ADS-C	TopSky	Thales			NA	no	Project	2014				
Benin	ASECNA	Cotonou	ACC	APP/TWR	SSR	RSM970S	Thales		256	yes	no	Project	2014				
Burkina	ASECNA	Ouagadaougo	ACC		ADS-C	TopSky	Thales			NA	no	Project	2014				
Burkina	ASECNA	Ouagadaougo	ACC	APP/TWR	SSR	RSM970S	Thales		256	yes	no	Project	2014				
Cameroon	ASECNA	Douala	ACC		ADS-C	TopSky	Thales			NA	no	Project	2014				
Cameroon	ASECNA	Douala	ACC	APP/TWR	SSR	RSM970S	Thales		257	yes	no	Project	2014				
Cape Verde	ASA	Sal	ACC		ADS-C	Aircon	Indra			N/A	N/A	Operational	2011				
Cape Verde	ASA	Sal	ACC	APP/TWR	SSR	IRS-10	Indra		250	no	no	Operational	2003				
Cape Verde	ASA	Praia	ACC	APP/TWR	SSR	IRS-10	Indra		250	no	no	Operational	2003				
Cape Verde	ASA	Mindelo	ACC	APP/TWR	SSR	IRS-10	Indra		250	no	no	Operational	2003				
Central Africa	ASECNA	Bangui	ACC		ADS-C	TopSky	Thales			NA	no	Project	2014				
Central Africa	ASECNA	Bangui	ACC	APP/TWR	SSR	RSM970S	Thales		257	yes	no	Project	2014				
Chad	ASECNA	N'Djaména	ACC	APP/TWR	ADS-C	Eurocat	Thales	FIR		N/A	N/A	Operational	2008				
Chad	ASECNA	N'Djaména	ACC	APP/TWR	SSR	SIR-M	Selex		250	no	no	Operational	2006				
Comoros	ASECNA	Moroni	ACC		ADS-C	TopSky	Thales			NA	no	Project	2014				
Comoros	ASECNA	Moroni	ACC		SSR	RSM970S	Thales		256	yes	no	Project	2014				
Comoros	ASECNA	Moroni	ACC		ADS-B						no	Project	2014				
Congo (Brazzaville)	ASECNA	Brazzaville	ACC		ADS-C	Eurocat	Thales	FIR		N/A	N/A	Operational	2011				
Congo (Brazzaville)	ASECNA	Brazzaville	ACC	APP/TWR	SSR	RSM970S	Thales		256	yes	no	Operational	2007				
Congo D.R	RVA	Kinshasa	ACC		ADS-B		Intelcan	FIR		N/A	N/A	Project					
Ivory Coast	ASECNA	Abidjan	ACC		ADS-C	Eurocat	Thales	FIR		N/A	N/A	Operational	2010				
Ivory Coast	ASECNA	Abidjan	ACC	APP/TWR	SSR	RSM970S	Thales		256	no	no	Operational	2006				
Egypt	NANSC	Cairo	ACC	APP/TWR	ADS-C	Eurocat	Thales	FIR		N/A	N/A	Operational	2000				
Egypt	NANSC	Alexandria	ACC	APP/TWR	PSR	ASR12	Northrop-Grur		60	N/A	N/A	Operational	1998				
Egypt	NANSC	Alexandria	ACC	APP/TWR	SSR	MSSR	Northrop-Grur		100	no	no	Operational	1998				
Egypt	NANSC	El Arish	ACC	APP/TWR	PSR	ASR12	Northrop-Grur		60	N/A	N/A	Operational	1998				
Egypt	NANSC	El Arish	ACC	APP/TWR	SSR	MSSR	Northrop-Grur		100	no	no	Operational	1998				
Egypt	NANSC	Cairo ACC	ACC		SSR	RSM970S	Thales		256	yes	no	Operational	2001	300715N	312354E		
Egypt	NANSC	Cairo APP	ACC	APP/TWR	PSR	STAR2000	Thales		80	N/A	N/A	Operational	1998				
Egypt	NANSC	Cairo APP	ACC	APP/TWR	SSR	RSM970I	Thales		256	yes	no	Operational	2000	300621N	312439E		

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Egypt	NANSC	Hurghada		APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1998	335025E	335025E	
Egypt	NANSC	Hurghada		APP/TWR	SSR	MSSR	Northrop-Grur	100	no	no	Operational	1998			
Egypt	NANSC	Mersa Matruh	ACC		SSR	RSM970S	Thales	256	yes	no	Operational	2000	311810N	270831E	
Egypt	NANSC	Aswan		APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1998	235830N	324636E	
Egypt	NANSC	Aswan		APP/TWR	SSR	MSSR	Northrop-Grur	100	no	no	Operational	1998			
Egypt	NANSC	Asyut		APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational				
Egypt	NANSC	Luxor		APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1998			
Egypt	NANSC	Luxor		APP/TWR	SSR	MSSR	Northrop-Grur	100	no	no	Operational	1998			
Egypt	NANSC	Sharm El Sheikh		APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1998			
Egypt	NANSC	Sharm El Sheikh		APP/TWR	SSR	MSSR	Northrop-Grur	100	no	no	Operational	1998			
Egypt	NANSC	Taba		APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1998			
Egypt	NANSC	Taba		APP/TWR	SSR	MSSR	Northrop-Grur	100	no	no	Operational	1998			
Equatorial Guinea	AECNA	Mont Piko	CIV	APP/TWR	PSR	RL2000	Eldis	60	N/A	N/A	Operational	2011			
Equatorial Guinea	GCAA	Mont Piko	CIV	APP/TWR	SSR	MSSR-1	Eldis	256	no	no	Operational	2011			
Equatorial Guinea	GCAA	Mont Piko	CIV	APP/TWR	PSR	RL2000	Eldis	60	N/A	N/A	Operational	2011			
Equatorial Guinea	GCAA	Mont Piko	CIV	APP/TWR	SSR	MSSR-1	Eldis	256	no	no	Operational	2011			
Equatorial Guinea	GCAA	Bata	CIV	APP/TWR	SSR	MSSR-1	Eldis	256	no	no	Operational	2010			
Equatorial Guinea	GCAA	Mongomeyem	CIV	APP/TWR	SSR	MSSR-1	Eldis	256	no	no	Operational	2011			
Ethiopia	ECAA	Addis Ababa	ACC	APP/TWR	PSR	ATCR33S	Selex	80	no	no	Operational	2010			
Ethiopia	ECAA	Addis Ababa	ACC	APP/TWR	SSR	SIR-M	Selex	256	no	no	Operational	2010			
Ethiopia	ECAA	Mekele	ACC		ADS-B	ADS-B	Selex	256	no	no	Operational	2011			
Ethiopia	ECAA	Dire Dawa	ACC		ADS-B	ADS-B	Selex	256	no	no	Operational	2011			
Ethiopia	ECAA	Gode	ACC		ADS-B	ADS-B	Selex	256	no	no	Operational	2011			
Ethiopia	ECAA	Gore	ACC		ADS-B	ADS-B	Selex	256	no	no	Operational	2011			
Ethiopia	ECAA	Arbamanchi	ACC		ADS-B	ADS-B	Selex	256	no	no	Operational	2011			
Ethiopia	ECAA	Gawasa	ACC		ADS-B	ADS-B	Selex	256	no	no	Operational	2011			
Gabon	ASECNA	Libreville	ACC		ADS-C	TopSky	Thales		NA	no	Project	2014			
Gabon	ASECNA	Libreville	ACC	APP/TWR	SSR	RSM970S	Thales	257	yes	no	Project	2014			
Ghana	GCAA	Accra	ACC		ADS-C			FIR			Operational	2012			
Ghana	GCAA	Accra	ACC	APP/TWR	SSR	ATCR33S	Selex	80	N/A	N/A	Operational	2003			
Ghana	GCAA	Accra	ACC	APP/TWR	SSR	SIR-M	Selex	256	no	no	Operational	2003			
Ghana	GCAA	Tamale	ACC	APP/TWR	SSR	SIR-M	Selex	256	no	no	Operational	2003			
Guinea (Conakry)	Roberts FIR	Unknown	ACC		ADS-B	ADS-B	Intelcan	256	no	no	Project	2013			
Guinea (Conakry)	Roberts FIR	Unknown	ACC		ADS-B	ADS-B	Intelcan	256	no	no	Project	2013			
Guinea Bissau	ASECNA	Bissau			ADS-C	TopSky	Thales		NA	no	Project	2014			
Guinea Bissau	ASECNA	Bissau		APP/TWR	SSR	RSM970S	Thales	256	yes	no	Project	2014			
Kenya	KCAA	Nairobi	ACC	APP/TWR	PSR	ATCR33S	Selex	60	N/A	N/A	Operational	2010			
Kenya	KCAA	Nairobi	ACC	APP/TWR	SSR	SIR-S	Selex	256	yes	no	Operational	2010			
Kenya	KCAA	Mombasa	ACC	APP/TWR	PSR	ATCR33S	Selex	60	N/A	N/A	Operational	2010			
Kenya	KCAA	Mombasa	ACC	APP/TWR	SSR	SIR-S	Selex	256	yes	no	Operational	2010			
Kenya	KCAA	Eldoret	ACC	APP/TWR	PSR	TR23K	Thales	150	N/A	N/A	Operational	1988			
Kenya	KCAA	Eldoret	ACC	APP/TWR	SSR	RS870	Thales	256	no	no	Operational	1988			
Kenya	KCAA	Mua Hills	ACC		SSR	SIR-S	Selex	256	yes	no	Operational	2010			
Kenya	KCAA	Wajir	ACC		SSR	SIR-S	Selex	256	yes	no	Operational	2011			
Kenya	KCAA	Poror	ACC		SSR	SIR-S	Selex	256	yes	no	Operational	2011			
Kenya	KCAA	Nairobi	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2011			
La Réunion	DGAC	St Louis	ACC	APP/TWR	ADS-B	AS-680	Thales	256	no	no	Operational	2009			
La Réunion	DGAC	Colorado	ACC	APP/TWR	ADS-B	AS-680	Thales	256	no	no	Operational	2009			
La Réunion	DGAC	St-Pierre	ACC	APP/TWR	ADS-B	AS-680	Thales	256	no	no	Operational	2009			
Liberia	Roberts FIR	Unknown	ACC		ADS-B		Intelcan	256	no	no	Project	2011			

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Libya	CAAL	Tripoli	ACC	APP/TWR	PSR	ASR10D3	Indra	100	N/A	N/A	Operational	2009			
Libya	CAAL	Tripoli	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Libya	CAAL	Benghazi	ACC	APP/TWR	PSR	ASR10D3	Indra	100	N/A	N/A	Operational	2009			
Libya	CAAL	Benghazi	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Libya	CAAL	Sirt	ACC	APP/TWR	PSR	ASR10D3	Indra	100	N/A	N/A	Operational	2009			
Libya	CAAL	Sirt	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Libya	CAAL	Tubruk	ACC	APP/TWR	PSR	ASR10D3	Indra	100	N/A	N/A	Operational	2009			
Libya	CAAL	Tubruk	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Libya	CAAL	Sahba	ACC	APP/TWR	PSR	ASR10D3	Indra	100	N/A	N/A	Operational	2009			
Libya	CAAL	Sahba	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Libya	CAAL	Tazirbu	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Mali	ASECNA	Bamako	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2001			
Mali	ASECNA	Bamako	ACC		SSR	RSM970S	Thales		256	yes	no	Project	2014		
Madagascar	ASECNA	Ivato	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2001			
Madagascar	ASECNA	Ivato	ACC		SSR	RSM970S	Thales		256	yes	no	Project	2014		
Madagascar	ASECNA	Ivato	ACC		ADS-B					no	Project	2014			
Mauritania	ASECNA	Nouakchott	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2001			
Mauritania	ASECNA	Nouakchott	ACC		SSR	RSM970S	Thales		256	yes	no	Project	2014		
Morocco	ONDA	Casablanca	ACC	APP/TWR	SSR	ASR10SS	Raytheon	80	N/A	N/A	Operational	2011	332124.12N	073642.99W	
Morocco	ONDA	Casablanca	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2011			
Morocco	ONDA	Casablanca	ACC	APP/TWR	PSR	ASR9	Northrop-Grur	60	N/A	N/A	Operational	1993			
Morocco	ONDA	Casablanca	ACC	APP/TWR	SSR	MSSR	Northrop-Grur	256	no	no	Operational	1993			
Morocco	ONDA	Agadir	ACC	APP/TWR	SSR	MSSR	Northrop-Grur	256	no	no	Operational	1993	301908.96N	092440.75W	
Morocco	ONDA	Ifrane	ACC		SSR	MSSR	Northrop-Grur	256	no	no	Operational	1993	333151.87N	050926.95W	
Morocco	ONDA	Safi	ACC		SSR	MSSR	Northrop-Grur	256	no	no	Operational	1993	321904.94N	091444.078W	
Morocco	ONDA	Oujda	ACC		SSR	Condor	Raytheon	256	no	no	Operational	2003			
Morocco	ONDA	El Jadida	ACC		SSR	Condor	Raytheon	256	no	no	Operational	2003			
Morocco	ONDA	Tan-Tan	ACC		SSR	Condor	Raytheon	256	no	no	Operational	2003			
Morocco	ONDA	Marrakech	ACC	APP/TWR	SSR	ATCR33S	Selex	80	N/A	N/A	Operational	2008			
Morocco	ONDA	Marrakech	ACC	APP/TWR	SSR	SIR-S	Selex	256	yes	no	Operational	2008			
Morocco	ONDA	Fes	ACC	APP/TWR	SSR	ASR12	Northrop-Grur	80	N/A	N/A	Operational	2010			
Morocco	ONDA	Fes	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	Yes	no	Operational	2010			
Morocco	ONDA	Tanger	ACC	APP/TWR	PSR	ATCR33S	Selex	60	N/A	N/A	Operational	2010			
Morocco	ONDA	Tanger	ACC	APP/TWR	SSR	SIR-S	Selex	256	yes	no	Operational	2010			
Morocco	ONDA	Laayoune	ACC		ADS-B	ADS-B	Indra	256	no	no	Operational	2010			
Morocco	ONDA	Dakhla	ACC		ADS-B	ADS-B	Indra	256	no	no	Operational	2010			
Morocco	ONDA	Smar	ACC		ADS-B	ADS-B	Indra	256	no	no	Operational	2010			
Namibia	NCAA	Windhoek	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2010			
Namibia	NCAA	Windhoek	ACC	APP/TWR	PSR	STAR2000	Thales	80	N/A	N/A	Operational	2010			
Namibia	NCAA	Windhoek	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2010			
Namibia	NCAA	Multiple	ACC		WAM	MSS	ERA	FIR	A/C/S	no	Operational	2010			
Niger	ASECNA	Niamey	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2010			
Niger	ASECNA	Niamey	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Kano	ACC	APP/TWR	PSR	STAR2000	Thales	80	N/A	N/A	Operational	2009			
Nigeria	NAMA	Kano	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Lagos	ACC	APP/TWR	PSR	STAR2000	Thales	80	N/A	N/A	Operational	2009			
Nigeria	NAMA	Lagos	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Port Harcourt	ACC	APP/TWR	PSR	STAR2000	Thales	80	N/A	N/A	Operational	2009			
Nigeria	NAMA	Port Harcourt	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Abuja	ACC	APP/TWR	PSR	STAR2000	Thales	80	N/A	N/A	Operational	2009			

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Nigeria	NAMA	Abuja	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Talata Mafara	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Maiduguri	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Numan	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Obubra	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Nigeria	NAMA	Ilorin	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2009			
Rwanda	RCAA	Kigali	ACC		PSR	ASR70	Northrop-Grur	200	N/A	N/A	Operational	1999			
Rwanda	RCAA	Kigali	ACC		MSSR	ATCBI	Northrop-Grur	256	no	no	Operational	1999			
Rwanda	RCAA	Kigali	ACC	APP/TWR	MSSR	IRS-20MP/S	Indra	256	yes	no	Operational	2011			
Senegal	RCAA	Dakar	ACC	APP/TWR	SSR	RSM970S	Thales	256	yes	no	Operational	2005			
Senegal	ASECNA	Dakar	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2010			
Sierra Leone	Roberts FIR	Unknown	ACC		ADS-B	ADS-B	Intelcan	256	no	no	Project	2011			
Spain (Canarias)	AENA	Las Palmas	ACC		ADS-C	Sactas	Indra	FIR	N/A	N/A	Operational	2008			
Spain (Canarias)	AENA	Gran Canaria	ACC	APP/TWR	PSR	ASR11	Raytheon	60	N/A	N/A	Operational	1995			
Spain (Canarias)	AENA	Lanzarote	ACC	APP/TWR	SSR	Condor	Raytheon	256	no	no	Operational	1995			
Spain (Canarias)	AENA	Las Palmas	ACC	APP/TWR	PSR	ASR11	Raytheon	60	N/A	N/A	Operational	1995			
Spain (Canarias)	AENA	La Palma	ACC	APP/TWR	SSR	Condor	Raytheon	256	no	no	Operational	1995			
Spain (Canarias)	AENA	Teneriffe	ACC	APP/TWR	PSR	ASR11	Raytheon	60	N/A	N/A	Operational	1995			
Spain (Canarias)	AENA	Teneriffe	ACC	APP/TWR	SSR	Condor	Raytheon	256	no	no	Operational	1995			
South Africa	ATNS	Johannesburg	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2001			
South Africa	ATNS	Johannesburg/	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2000			
South Africa	ATNS	Johannesburg/	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2000			
South Africa	ATNS	Johannesburg/	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2005			
South Africa	ATNS	Johannesburg/	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2005			
South Africa	ATNS	Capetown	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2000			
South Africa	ATNS	Capetown	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2000			
South Africa	ATNS	Capetown	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2005			
South Africa	ATNS	Capetown	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2005			
South Africa	ATNS	Capetown	ACC	APP/TWR	WAM	MSS	ERA	60	yes	no	Operational	2007			
South Africa	ATNS	Durban	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	1998			
South Africa	ATNS	Durban	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	1998			
South Africa	ATNS	Durban King Sh	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2010			
South Africa	ATNS	Durban King Sh	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2010			
South Africa	ATNS	Bloemfontein	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2007			
South Africa	ATNS	Port Elisabeth	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2008			
South Africa	ATNS	Port Elisabeth	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2008			
South Africa	ATNS	Potgietersrus	ACC		SSR	RSM970S	Thales	250	yes	no	Operational	1998			
South Africa	ATNS	Elliot Rhodes	ACC		SSR	RSM970S	Thales	250	yes	no	Operational	1996			
South Africa	ATNS	Sutherland	ACC		SSR	RSM970S	Thales	250	yes	no	Operational	2006			
South Africa	ATNS	Wakkerstroom	ACC		SSR	RSM970S	Thales	250	yes	no	Operational	1998			
South Africa	ATNS	Blesberg	ACC		SSR	RSM970S	Thales	250	yes	no	Operational	1999			
South Africa	ATNS	De Arr	ACC		SSR	RSM970S	Thales	256	yes	no	Operational	2007			
South Africa	ATNS	Kruger	ACC		SSR	RSM970S	Thales	256	yes	no	Operational	2009			
South Africa	ATNS	George	ACC		SSR	RSM970S	Thales	256	yes	no	Operational	2009			
South Africa	ATNS	East London	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2007			
South Africa	ATNS	East London	ACC	APP/TWR	SSR	RSM970S	Thales	250	yes	no	Operational	2007			
South Africa	ATNS	Johannesburg/College		Training	SSR	STAR2000	Thales	80	N/A	N/A	Operational	2009			
South Africa	ATNS	Johannesburg/College		Training	SSR	RSM970S	Thales	250	yes	no	Operational	2010			
Sudan	SCAA	Khartoum	ACC		ADS-C	Eurocat	Thales	FIR	N/A	N/A	Operational	2009			
Sudan	SCAA	Khartoum	ACC	APP/TWR	SSR	SIR-M	Selex	256	no	no	Operational	2010			

State	ANSP	Site	ATS-Unit		SYSTEM DESCRIPTION							Location			
			ACC	APP/TWR	System	Type	Supplier	Range	Mode-S capable	Mode-S Operational	Status	Operation date	Lat	Long	Altitude
Sudan	SCAA	Dongola	ACC		SSR	SIR-M	Selex	256	no	no	Operational	2011			
Sudan	SCAA	Port Sudan	ACC	APP/TWR	SSR	SIR-M	Selex	256	no	no	Operational	2011			
Swaziland		Sikhupe		APP/TWR	SSR	RSM970	Thales	256	no	no	Operational	2010			
Tanzania	TCAA	Dar Es Salaam	ACC	APP/TWR	PSR	Watchman	BAE	60	N/A	N/A	Operational	2002			
Tanzania	TCAA	Dar Es Salaam	ACC	APP/TWR	SSR	MSSR	BAE	250	no	no	Operational	2002			
Togo	ASECNA	Niamtougou	ACC		SSR	RSM970S	Thales	256	yes	no	Project	2014			
Togo	ASECNA	NiamtougouLor	ACC		ADS-C	TopsSky	Thales	257	yes	no	Project	2015			
Tunisia	OACA	Tunis	ACC	APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1991	365135.417N	0101428.9293E	
Tunisia	OACA	Tunis	ACC	APP/TWR	SSR	MSSR	Northrop-Grur	256	no	no	Operational	1991			
Tunisia	OACA	Sidi Zid	ACC		SSR	MSSR	Northrop-Grur	256	no	no	Operational	1991	362829.0381N	0101929.0568E	
Tunisia	OACA	Akouada	ACC	APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	1991	035 53 37N	010 33 46E	
Tunisia	OACA	Akouada	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2010			
Tunisia	OACA	Djerba	ACC	APP/TWR	PSR	ASR12	Northrop-Grur	60	N/A	N/A	Operational	2009			
Tunisia	OACA	Djerba	ACC	APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Tunisia	OACA	Kef Ensoura	ACC		SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Uganda	UCAA	Entebbe	ACC		SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009			
Zambia	NACL	Lusaka	ACC	APP/TWR	PSR	ATCR33S	Selex	80	N/A	N/A	Operational	1996			
Zambia	NACL	Lusaka	ACC	APP/TWR	SSR	SIR-M	Selex	256	no	no	Operational	1996			
Zimbabwe	ZDCA	Harare	ACC	APP/TWR	PSR	Watchman	Thales	60	N/A	N/A	Operational	1995			
Zimbabwe	ZDCA	Harare	ACC	APP/TWR	SSR	Watchman	Thales	256	no	no	Operational	1995			
Zimbabwe	ZDCA	Bulawayo	ACC	APP/TWR	SSR	Watchman	Thales	256	no	no	Operational	1995			