

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	
Angola	ENANA	Luanda	ACC		ADS-C	Eurocat	Thales	FIR		N/A	N/A	on Trial	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			
Botsswana	CAAB	Gaborone	ACC	APP/TWR	PSR	ASR9	Raytheon		60	N/A	N/A	Operational	1995			
Botsswana	CAAB	Gaborone	ACC	APP/TWR	SSR	Condor	Raytheon		256	no	no	Operational	1995			
Botsswana	CAAB	Maun	ACC		SSR	Condor	Raytheon		256	no	no	Operational	1995			
Benin	ASECNA	Cotonou			ADS-C	TopSky	Thales			NA	no	Project	2014			
Benin	ASECNA	Cotonou		APP/TWR	SSR	RSM970S	Thales		256	yes	no	Operational	2014			
Burkina	ASECNA	Ouagadougou	ACC		ADS-C	TopSky	Thales			NA	no	Project	2014			
Burkina	ASECNA	Ouagadougou	ACC	APP/TWR	SSR	RSM970S	Thales		256	yes	no	Operational	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	Operational	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	Operational	2014			
Comoros	ASECNA	Moroni	ACC		ADS-B					no	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			
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	Operational	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			
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	no	On trials	2014			
Mauritania	ASECNA	Nouakchott	ACC		ADS-C	Eurocat	Thales	FIR		N/A	N/A	Ontrials	2001			
Mauritania	ASECNA	Nouakchott	ACC		SSR	RSM970S	Thales		256	yes	no	Operational	2014			
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			
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-Gru		200	N/A	N/A	Operational	1999			
Rwanda	RCAA	Kigali	ACC		MSSR	ATCBI	Northrop-Gru		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			
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 S	ACC	APP/TWR	PSR	STAR2000	Thales	60	N/A	N/A	Operational	2010
South Africa	ATNS	Durban King S	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
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	Operational	2014
Togo	ASECNA	NiamtougouLor	ACC		ADS-C	TopsSky	Thales	257	yes	no	Project	2015
Uganda	UCAA	Entebbe		APP/TWR	SSR	IRS-20MP/S	Indra	256	yes	no	Operational	2009
Zambia	NAACL	Lusaka	ACC	APP/TWR	PSR	ATCR33S	Selex	80	N/A	N/A	Operational	1996
Zambia	NAACL	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