

INDUPERM REFERENCE LIST

AIRPORT	EQUIPMENT
1. Copenhagen International, Denmark	<ul style="list-style-type: none">- Isolating transformers- Approach light- Threshold light- End light- Runway edge light- Taxiway edge light- Runway Center-line light- Touch-down zone lights- Taxiway Center-line lights- Constant Current Regulators- Automatic switches
2. Copenhagen, Roskilde, Denmark	<ul style="list-style-type: none">- Light fittings for four CAT. I runways- Isolating transformers- Output transformer modules for Constant Current Regulators
3. Esbjerg, Denmark	<ul style="list-style-type: none">- Globe light fitting for CAT. II runway- Constant Current Regulators- Runway Center-line lights- Isolating transformers- Optical VASI system- PAPI system- Taxiway edge lights
4. Odense, Denmark	<ul style="list-style-type: none">- Optical VASI system
5. Billund, Denmark	<ul style="list-style-type: none">- Isolating transformers
6. Sønderborg, Denmark	<ul style="list-style-type: none">- Output transformer modules for Constant Current Regulators- Isolating transformers
7. Rønne, Denmark	<ul style="list-style-type: none">- Optical VASI system- Isolating transformers
8. Vagar, Faroe Islands	<ul style="list-style-type: none">- Wind-cones
9. Zürich International, Switzerland	<ul style="list-style-type: none">- Isolating transformers- Output transformer modules for Constant Current regulators
10. Stockholm International, Sweden	<ul style="list-style-type: none">- Output transformers modules

11. **Malmø, Sturup, Sweden** - Output transformer modules
12. **Växjö, Sweden** - Output transformer modules
- Isolating transformers
- Optical VASI
13. **Kiruna, Sweden** - Output transformer modules
14. **Norrköping, Sweden** - Output transformer modules
15. **Kalmar, Sweden** - Output transformer modules
16. **Umeå, Sweden** - Output transformer modules
17. **Aegelholm, Sweden** - Output transformer modules
18. **Halmstad, Sweden** - Output transformer modules
19. **Skelleftea, Sweden** - Output transformer modules
20. **Oestersund, Sweden** - Output transformer modules
21. **Karlstad, Sweden** - Output transformer modules
22. **Visby, Sweden** - Output transformer modules
23. **Örebro, Sweden** - Isolating transformers
24. **Ronneby, Sweden** - Output transformer modules
25. **Emmaboda, Sweden** - Isolating transformers
- Output transformer modules
26. **Santarem, Brasil** - Isolating transformers
27. **Taif, Saudi Arabia** - Output transformer modules
for Constant Current Regulators

28. **Yanbu, Saudi Arabia** - TWR Control desk
- Constant Current Regulators

3/Fejl! Ukendt argument for parameter.

- Isolating transformers
 - Runway and Taxiway edge lights
 - Approach lights
 - 3-Bar VASI systems
 - Wind cone
 - Beacone
29. Växjö, Sweden
- Taxiway edge lights
30. Sønderborg, Denmark
- Complete PAPI systems with Constant Current Regulators, Isolating transformers and PAPI units
31. Copenhagen International, Denmark
- PAPI units for 6 runways
32. Copenhagen, Roskilde, Denmark
- PAPI units for 2 runways incl. Constant Current Regulators and Remote control
33. Copenhagen International, Denmark
- Runway edge light, type 791
34. The Danish Airforce
- PAPI systems for 9 runways
35. Odense, Denmark
- PAPI system for 1 runway
36. Chileka Airport, Blantyre, Malawi
- **Supply and installation of:**
 - TWR Control desk
 - Constant Current Regulators
 - Isolating transformers
 - Runway, Threshold, Runway End and Approach light system for CAT. I
 - Taxiway Edge lights
 - VASI systems
 - High voltage cable
 - Approach light poles
 - Training and maintenance equipment
37. The Danish Airforce
- PAPI systems for 11 runways
38. The Swiss Airforce
- One PAPI system
39. Billund, Denmark
- Two PAPI systems
40. Esbjerg, Denmark
- Two complete PAPI systems with isolating transformers and Regulators

- 41. **Stauning, Denmark**
 - Two PAPI systems with Isolating transformers
- 42. **Narsarssuak, Greenland**
 - Complete PAPI system with isolating transformers, Constant Current Regulators and TWR Control desk
- 43. **Jacobshavn, Greenland**
 - **Complete lighting system for STOL-airports:**
 - TWR Control desk
 - Constant Current Regulators
 - Isolating transformers
 - Runway, Threshold, Runway End and Approach lights, according to DCA/DK and ICAO specifikations for STOL
 - Taxiway edgelights
 - PAPI systems
 - Rotating Beacon
 - Wind cones
 - Joints
- 44. **Mocambique Airports**
 - **For seven airports:**
 - TWR Control desks with terminal equipment for alarms, etc.
 - Constant Current Regulators
 - Isolating transformers
 - Runway, Threshold, Runway End and Approach light
 - Taxiway edgelights
 - PAPI systems
 - Safety poles
 - Training and maintenance equipment
- 45. **Thisted, Denmark**
 - Complete PAPI system with isolating transformers, constant current regulators and TWR control desk
- 46. **Copenhagen International, denmark**
 - PAPA docking systems
- 47. **Kenyan Airports**
 - **For five airports:**
 - TWR Control desks with terminal equipment for alarms, etc.
 - Constant Current Regulators

- Isolating transformers
 - Runway, Threshold, Runway End and Approach light
 - Taxiway edgelights
 - PAPI systems
 - Safety poles
 - Training and maintenance equipment
 - Hold signs
 - Windcones
48. Jamesonland, Greenland
- **Complete lighting systems for small airstrip:**
 - Remote control desk
 - Constant Current Regulators
 - Isolating transformers
 - Runway, Threshold, Runway End and Approach lights
 - Reil
 - Taxiway edgelights
 - Windcone
49. Copenhagen Airport
- **Supply of equipment for complete renovation of one runway including:**
 - Flush fittings for complete CAT 1 Approach
 - Flush fittings for CAT 1 Threshold
 - Flush fittings for End light and Stopway End
 - Runway edgelight
 - 12 pcs Constant Current Regulators
 - Remote Control System
50. China
- TWR Control Panel, Constant Current Regulator and isolating Transformers for PAPI
51. Copenhagen Airport
- Constant Current Regulators
 - Isolating Transformers
 - Semiflush Taxiway and Stopbarre fittings for CAT 3 B operations
52. Copenhagen Airport, 1989
- 20 pcs Constant Current Regulators, all with Bitbus Interface
53. Copenhagen Airport, Runway 30, 1989
- 10 pcs Constant Current Regulators, with Bitbus Interface

- Flush fittings for Approach, Threshold and Endlight
- Elevated Approach fittings
- Approach Safety poles

- 54. **Fornebu Airport, Oslo, 1989**
 - Isolating Transformers

- 55. **Military Airports, 1990**
 - 400 pcs Isolating Transformers

- 56. **Military Airports, 1991**
 - 1.000 pcs. Isolating Transformers

- 57. **Copenhagen Airport, 1991**
 - **Renovation of runway 04L - 22R with:**
 - Isolating Transformers
 - Constant Current Regulators
 - Elevated Approach fittings
 - Flush fittings for Approach and Endlight
 - Approach Safety Poles

- 58. **Mocambique Airport 1992**
 - **Equipment for 3 airports incl.:**
 - Constant Current Regulators.
 - Approach and Runway light fittings.
 - Taxiway fittings.
 - Remote control system.

- 59. **Maldives 1992**
 - Constant Current Regulators.

- 60. **Nuuk, Grønland 1993**
 - Runway edge lights.
 - Lighted windcones.
 - Threshold lights.

- 61. **Kangerlussuaq Airport Greenland 1992**
 - PAPI unit and Edgelights

- 62. **Kenya Aerodromes Jomo Kenyatta Airport 1993**
 - 15 pcs. Constant Current Regulators

- 63. **Copenhagen International Airport, DK 1993**
 - Constant Current transformers for flush Edge light.
 - Constant Current Regulators and Remote control system for 15 stopbarre system CAT II and CAT III.

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| 64. Aalborg Airport, DK
1993 | <ul style="list-style-type: none">- High Intensity Semiflush fittings for Approach. Approach siderow Threshold and Endlight.- Elevated Approach fittings. |
| 65. Karup Airport, DK
1993 | <ul style="list-style-type: none">- High Intensity Semiflush fittings for Approach. Approach siderow Threshold and Endlight- Elevated Runway Edge light. |
| 66. Tirstrup Airport, DK
1993 | <ul style="list-style-type: none">- High Intensity Semiflush fittings for Approach. Approach siderow Threshold and Endlight.- Elevated Runway Edge light.- Elevated Taxiway Edge light.- Isolating Transformers Edge light. |
| 67. Odense Airport, DK
1994 | <ul style="list-style-type: none">- Constant Current Regulators for all lighting systems. |
| 68. Sturup International
Airport Sweden 1994 | <ul style="list-style-type: none">- 9 Constant Voltage Regulators incl. monitoring system for Taxiways. |
| 69. Halmstad Airport
Sweden 1994 | <ul style="list-style-type: none">- Constant Current Regulators- High intensity Approach light- High intensity Semiflush Taxiway edge light- Remote Control System RS485- Isolating transformers |
| 70. Taasinge Airport, DK
1994 | <ul style="list-style-type: none">- Constant Current Regulator- Threshold, end & edge light- Remote Control System- Isolating transformers |
| 71. Kulusuk Airport
Greenland 1995 | <ul style="list-style-type: none">- Constant Current Regulator- Beacon |
| 72. Friedrichshafen Airport
Germany 1995 | <ul style="list-style-type: none">- Low-intensity Taxiway edge light- Isolating transformers |

73. **Kangerlussuaq Airport
Greenland 1994/1995**
- Fittings and isolating transformers for Approach, Endlight and Threshold light
 - 2 Constant Current Regulators
 - Taxiway Edgelight
 - Windcone
74. **Copenhagen
International
Airport 1995**
- Semiflush fittings for Centerline and TDZ light (CAT III)
 - Semiflush fittings for Endlight and Threshold light
 - 1500 pcs. Isolating Transformers for CL, TDZ, THR and Taxiways
75. **Budapest, Ungary 1995**
- 400 pcs. Isolating Transformers
76. **Hanoi, Vietnam 1995**
- 180 pcs. Taxiway Edgelight
 - 180 pcs. Isolating Transformers
 - 30 pcs. Guidance Signs
77. **Kuala Lumpur Airport
1994**
- 25 pcs. Current/Constant Voltage Transformers
78. **Oslo International
Airport, Gardermoen
1996-1998**
- 109 pcs. Constant Current Regulators Type 951
 - 7000 pcs. Isolating Transformers
 - 100 pcs. Full flush lead-in lights (Erni)
79. **NATO Airport,
Nordholz, Germany
(Through APM GmbH)
1996-1997**
- **Supply of all equipment for airfield lighting system including:**
 - Computerbased Remote Control System
 - 35 pcs. Constant Current Regulators Type 951
 - 2000 pcs. Isolating Transformers
 - Elevated Approach, Runway Edge and Taxiway Edge light
 - Semiflush Threshold, endlight Runway CL and Taxiway CL
 - PAPI units
 - Wind cones, Obstructions light Distance marker signs etc.

80. **Sct. Elizabeth
Krankenhaus
Germany, 1997
(Through APM GmbH)**
- **Complete Heliport lightning System :**
 - 2 pcs. Constant Current Regulator
 - Approach and edge light
 - Isolating transformers
 - Windcone
 - Heliport Beacon
81. **Arlanda Airport
Stockholm
1997**
- 15 pcs. Constant Current Regulator Type 951
 - 300 pcs. Isolating Transformers
82. **Esbjerg Airport, DK
1997**
- 290 pcs. inset CL-light
 - 290 pcs. Isolating Transformers
 - CCR modifications.
83. **Aasiaat Airport
Greenland
1998**
- Complete Lightning system for 1200m Runway, including :**
- Remote Control system
 - 7 pcs. Constant Current Regulator Type 951
 - Fittings and isolating transformers
84. **Uumannaq Airport
Greenland
1998**
- Complete Lightning system for 1200m Runway, including:**
- Remote Control system
 - 7 psc. Constant Current Regulator Type 951
 - Fittings and isolating transformers
85. **Sisimiut Airport
Greenland
1998**
- Complete Lightning system for 1200m Runway, including :**
- Remote Control system
 - 7 pcs. Constant Current Regulator Type 951
 - Fittings and isolating transformers

86. **Sofia Airport**
Bulgaria
1998
- 12 pcs. Constant Current regulators
Type 951
 - 900 pcs. isolating transformers
87. **Krozingen Airport (Dinslagen)**
Germany
(Through APM GmbH)
- 3 pcs. Constant Current Regulator
Type 951
 - 240 pcs. isolating transformers
 - Elevated fittings
88. **Paderborn Airport**
Germany
(Through APM GmbH)
1998
- 34 pcs. Constant Current Regulator
Type 951
89. **Kassel-Calden Airport**
Germany
(Through APM GmbH)
1999
- 3 pcs. Constant Current Regulator
Type 951, 25 KVA
90. **Noibai int. Airport**
Vietnam
1999
- 3 pcs. Constant Current Regulator
Type 951
 - Taxiway Edge lights
 - Runway Guard lights
 - Stopbar lights
 - Isolating transformers
 - Taxiway signs
 - High voltage cable
91. **Manittsuq Airport**
Greenland
1999
- Complete Lightning system for
1200m Runway, including:**
- Remote Control system
 - 7 psc. Constant Current Regulator
Type 951
 - Fittings and isolating transformers
92. **Lohmühle Airport**
- 4 pcs. Constant

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| Germany
(Thought APM GmbH)
1997 | Current Regulators |
| 93. Paderborn Airport
Germany
(Through APM GmbH)
1998 | - Complete Centerline system with fittings
Isolating transformers etc. |
| 94. (Through APM GmbH)
1999 | - 12 pcs. Distance marker signs
(Reststreckenmarker) |
| 95. Essen-Mülheim Airport
Germany
(Through APM GmbH)
1999 | - 10 pcs. Constant Current Regulators |
| 96. Havelandklinik Nauen
Germany
(Through APM GmbH) | - Complete heliport system with:
Constant Current Regulators
- Isolating transformers
- Inset lights |
| 97. Bad Kreuznach Airport
Germany, 1999
(Through APM GmbH) | - 4 pcs. Constant Current Regulators
- Inset lights and isolating transformers |
| 98. Qaanaaq Airport
Greenland
1999 – 2000 | Complete Lightning system for
1200m Runway, including:
- Remote Control system
- 7 psc. Constant Current Regulator
Type 951
- Fittings and isolating transformers |

- 99. Upernavik Airport
Greenland
1999 – 2000**
- Complete Lightning system for
1200m Runway, including:**
- Remote Control system
 - 7 psc. Constant Current Regulator
Type 951
 - Fittings and isolating transformers
- 100. Nato Airport
Hungriger Wolf
Germany
(Through APM GmbH)
1999 – 2000**
- Complete lighting system:**
- Constant Current Regulators
 - Isolating transformers
 - Elevated and inset lights
 - PAPI
- 101. Porta Westfalen
(Through APM GmbH)
1999**
- Constant Current Regulator
 - Elevated Lights
 - Insulating Transformers
- 102. Mauritius Airport
(Through Intertec Contracting)
2000**
- 2 set Agnis/PAPA
- 103. CATBI Airport, Vietnam
(Through Thorn DNT)
2000**
- 12 Constant Current Regulators
 - Isolating Transformers
 - Lighted Windcone
- 104. PHUBAI Airport, Vietnam
(Through Thorn DNT)
2000**
- 12 Constant Current Regulators
 - Isolating Transformers
 - Lighted Windcone
- 105. Flughafen Zürich AG
1999-2000**
- PAPI System
- 106. Flughafen Zürich AG
2000**
- 56 pcs. Constant Current Regulators,
 - Installation
- 107. Copenhagen Int. Airport
2000**
- Constant Current Regulators

- 108. Kiel Airport**
(Through APM GmbH)
2000
- 12 pcs. Constant Current Regulators
- 109. N2 – Nordtangente**
(Tunnel System)
(Through ERNI AG)
2000
- Constant Current Regulators
 - Isolating Transformers
- 110. Lugano Airport**
2001
- 12 pcs. Constant Current Regulators.
 - Installation
- 111. Oslo International**
Airport, Gardermoen
2002
- 12 pcs. Constant Current Regulators Type 951
- 112. Kassel-Calden Airport**
Germany
(Through APM GmbH)
2002
- 10 pcs. Constant Current Regulator Type 951,
- 113. Laarbruch Airport**
Germany
(Through APM GmbH)
2003 -
- 22 pcs. Constant Current Regulator Type 951,
 - Runway Edgelight fixtures
 - Approach light fixtures

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